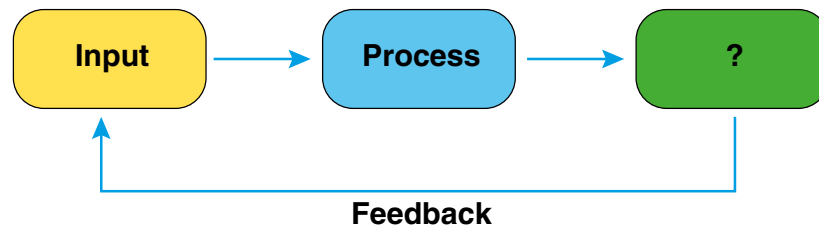


1.



Which of the following goes in the green box?

- A) Print
- B) Next
- C) Re-put
- D) Output

2.



**What temporarily holds all programs and data in current use?**

- A) Random Access Memory
- B) Solid State Drive
- C) Hard Disk Drive
- D) USB Flash Memory

**3. Which best describes spreadsheet software applications?**

- A) Creating, editing, saving and printing documents.
- B) Entering data, calculating equations and creating charts and graphs.
- C) Editing an image and changing its colors.
- D) Editing a video and changing its format.

4.



4. What type of network cable is shown?

- A) Ethernet Cable
- B) Telephone Cable
- C) Electric Cable
- D) Fiberoptic Cable

5. Which of the following software manages all the types of data on your computer?
- A) Graphic software
  - B) Operating system
  - C) Database software
  - D) Social media apps

**6.** Which application is the most similar to Google Docs?

- A) Adobe Photoshop
- B) Microsoft PowerPoint
- C) Adobe Acrobat Reader
- D) Microsoft Word

7. Streaming is real-time and continuously sending audio or video files from a server to a user. Which of the following is not a streaming platform?
- A) Youtube
  - B) Spotify
  - C) Netflix
  - D) Google Maps

8. What function can be used to find the largest number in a range of numbers?

- A) =SUM
- B) =AVERAGE
- C) =MAX
- D) =IF

9. Spreadsheet formulas must always begin with \_\_\_\_\_.

- A) euro(€) sign
- B) equal(=) sign
- C) at(@) sign
- D) asterix(\*) sign

10.



Look at the challenge above and choose the correct code.

- A) `1 beaver.forward(3)`  
`2 forward(1)`  
`3 turn(right)`  
`4 forward(5)`
- B) `1 beaver.forward(3)`  
`2 forward(3)`  
`3 turn(right)`  
`4 forward(8)`
- C) `1 turn(left)`  
`2 beaver.forward(3)`  
`3 forward(3)`  
`4 forward(8)`
- D) `1 beaver.forward(3)`  
`2 forward(3)`  
`3 turn(left)`  
`4 forward(8)`

11.



Look at the challenge above and find the repeat number.

- A) repeat 4:
- B) repeat 3:
- C) repeat 2:
- D) repeat 1:

12.



Look at the challenge above and find the correct turn codes.

- A) right-left
- B) left-back
- C) left-left
- D) back-back

13.



Look at the challenge above and find the correct forward codes.

A) 3

B) a

C) a+1

D) 5

14.



Look at the challenge above and find the correct turtles[0] codes.

- A) forwardUp(3)
- B) forward(2)
- C) forwardDown(2)
- D) forward(3)

**15.** The personal computer's main circuit board is called a \_\_\_\_\_.

- A) Mainboard
- B) Mainboot
- C) Baseboard
- D) Mainchip

16. \_\_\_\_\_ is a small piece of data that tracks your preferences on different websites.

- A) Cookie
- B) Virus
- C) Malware
- D) Internet

17. “Cloud-based computing allows users access to software applications that run on server computers remotely.”

**Which one is a cloud-based service?**

- A) Google Drive
- B) Harddisk Drive
- C) Blu-Ray Drive
- D) Fiberoptic Cable

**18.** Primary storage is typically located inside the computer. It temporarily holds applications and data currently in use. Which of the following are examples of primary storage?

- A) SSD and HDD
- B) USB Stick and External HDD
- C) RAM and ROM
- D) DVD and CD

**19.** How many bits are there in 2 bytes?

A) 4

B) 8

C) 12

D) 16

20. What is the binary value 1111 equivalent in hexadecimal?

A) E

B) F

C) 15

D) 1E

21. QR codes have increased in popularity over the last decade due to the rise of \_\_\_\_?
- A) Printer
  - B) Smartphones
  - C) Monitors
  - D) Keyboard

**22.** How can you open a link in a new tab window?

- A) target="\_self"
- B) target="\_blank"
- C) target="\_parent"
- D) target="\_new"

**23.** Which operator can be used to compare two values in Python?

- A) !=
- B) ==
- C) >>
- D) <<

24. How to start writing an "if statement" in Python?

- A) if x==5;
- B) if x=5;
- C) if x==5:
- D) if x and 5

25. Which answer correctly completes the missing part in line 4?



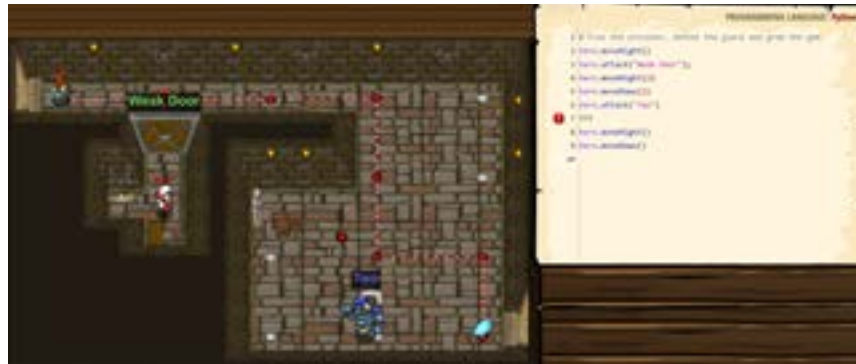
- A) hero.moveRight()
- B) hero.moveRight(2)
- C) hero.moveDown(2)
- D) hero.turnRight()

26. Which pair of commands correctly completes the missing parts in line 2 and line 5?



- A) moveRight
- B) hero.moveRight:
- C) hero.moveRight()
- D) hero.moveRight

27. Which answer correctly fills in the blank in the **line 7** so the hero can complete the mission?



- A) hero.moveRight(2)
- B) hero.attack("Enemy")
- C) hero.attack("Two")
- D) hero.buildXY("fence", 40, 30)

28. Which line correctly fills in the blank (line 10) so the hero behaves as described?



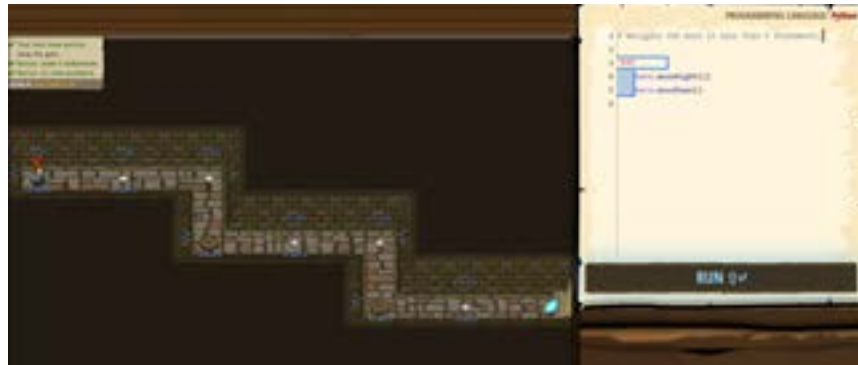
- A) hero.moveXY(40, 34)
- B) hero.wait(1)
- C) hero.attack("Chest")
- D) hero.cleave(enemy)

29. Which correction will fix the problem so that the hero attacks the door properly?



- A) line 5: hero.attack("Door")
- B) line 5: hero.attack.Door
- C) line 5: door = hero.findNearestDoor()
- D) line 4: if True:

30. Which answer correctly completes the missing part in line 3?



- A) for i in range(2):
- B) repeat forever:
- C) if hero.canMoveRight():
- D) while True:

**ANSWERS**

1. D
2. A
3. B
4. A
5. B
6. D
7. D
8. C
9. B
10. D
11. C
12. B
13. B
14. D
15. A
16. A
17. A
18. C
19. D
20. B
21. B
22. B
23. B
24. C
25. B
26. C
27. C
28. A
29. A
30. D