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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » The Joy Of Computing Using Python
(course)



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Course
outline

How does an
NPTEL
online
course
work? ()

Week 0 ()

Week 1 ()

Week 2 ()

Week 3 ()

week 4 ()

Week 5 ()

Week 6 ()

Week 7 ()

Week 8 ()

Week 1 : Assignment

The due date for submitting this assignment has passed.

Due on 2023-08-09, 23:59 IST.

Assignment submitted on 2023-07-27, 06:44 IST

1) What will be the value of my variable at the end of the loop.

1 point



- ☐ 50
☒ 40
☐ 49
☐ 0

Yes, the answer is correct.

Score: 1

Accepted Answers:

40

2) Which of the following is not a type of block in Scratch?

1 point

Week 9 ()**Week 10 ()****Week 11 ()****Week 12 ()****Text
Transcripts ()****Download
Videos ()****Books ()****Problem
Solving
Session -
July 2023 ()**☐ Motion☐ Looks☐ Sound☒ Jump

Yes, the answer is correct.

Score: 1

Accepted Answers:

Jump

3) What is the main function of the "if" block in Scratch?

1 point☐ To repeat a set of instructions☐ To create a loop☒ To control the flow of the program based on a condition☐ To play a sound

Yes, the answer is correct.

Score: 1

Accepted Answers:

To control the flow of the program based on a condition

4) Which block in Scratch is used to control the movement of a sprite?

1 point☒ Motion☐ Looks☐ Sound☐ Control

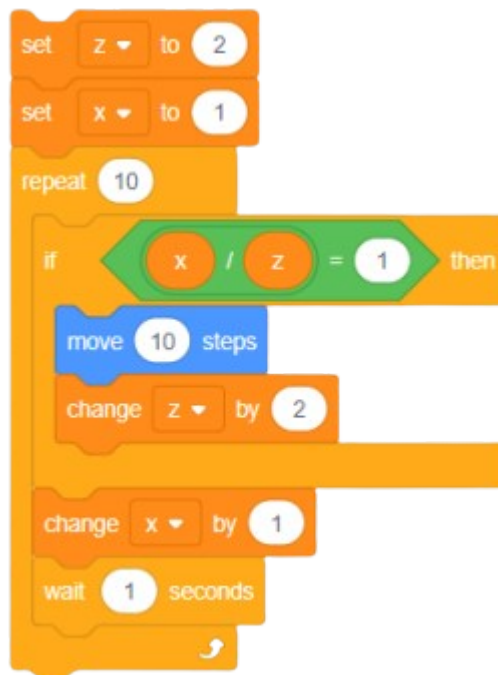
Yes, the answer is correct.

Score: 1

Accepted Answers:

Motion

5) Imagine sprite to be a scooter. How many times scooter will move forward?

1 point

- ☐ 7
- ☐ 4
- ☐ 6
- ☒ 5

Yes, the answer is correct.

Score: 1

Accepted Answers:

5

6) Which block in Scratch is used to make a sprite say something?

1 point

- ☐ Motion
- ☒ Looks
- ☐ Sound
- ☐ Control

Yes, the answer is correct.

Score: 1

Accepted Answers:

Looks

7) What is the purpose of the "repeat" block in Scratch?

1 point

- ☒ To repeat a set of instructions a specific number of times
- ☐ To repeat a set of instructions forever
- ☐ To repeat a set of instructions based on a condition
- ☐ To play a sound repeatedly

Yes, the answer is correct.

Score: 1

Accepted Answers:

To repeat a set of instructions a specific number of times

8) Which block in Scratch is used to wait for a certain amount of time before continuing with the program? **1 point**

- ☐ Motion
- ☐ Looks
- ☐ Sound
- ☒ Control

Yes, the answer is correct.

Score: 1

Accepted Answers:

Control

9) Which block in Scratch is used to detect when a sprite touches another sprite?

1 point

- ☐ Motion
- ☐ Looks
- ☐ Sound
- ☒ Sensing

Yes, the answer is correct.

Score: 1

Accepted Answers:

Sensing

10) What is the purpose of the "broadcast" block in Scratch?

1 point

- ☒ To send a message to another sprite
- ☐ To play a sound
- ☐ To move a sprite
- ☐ To change the background color

Yes, the answer is correct.

Score: 1

Accepted Answers:

To send a message to another sprite