



(<https://swayam.gov.in>)



(https://swayam.gov.in/nc_details/NPTEL)

kashyapgarima700@gmail.com ▾

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



Course outline

How does an NPTEL online course work?
()

Week 0 ()

Week 1 ()

● Introduction to Programming
(unit?
unit=17&lesson=18)

● Why Programming?
(unit?
unit=17&lesson=19)

● Programming for Everybody
(unit?
unit=17&lesson=20)

● Any Prerequisites?
(unit?
unit=17&lesson=21)

● Where to start?
(unit?
unit=17&lesson=22)

Week 1 : Assignment 1

The due date for submitting this assignment has passed.

Due on 2023-02-08, 23:59 IST.

Assignment submitted on 2023-02-08, 19:41 IST

1) Which of the following is/are control commands in Scratch?

1 point

- ☒ repeat
- ☒ repeat until
- ☒ forever
- ☐ forever until

Yes, the answer is correct.

Score: 1

Accepted Answers:

repeat

repeat until

forever

2) Which option in scratch is used to wait between the commands:

1 point

- ☐ Event
- ☐ Sensing
- ☒ Control
- ☐ Operators

Yes, the answer is correct.

Score: 1

Accepted Answers:

Control

3) _____ command is used to make the sprite walk by certain steps.

1 point

- ☐ Hide
- ☐ Delete
- ☒ Move

Why do we have so many languages?
(unit? unit=17&lesson=23)

How to go about programming?
(unit? unit=17&lesson=24)

Why to learn programming?
(unit? unit=17&lesson=25)

What is programming?
(unit? unit=17&lesson=26)

How to give instructions?
(unit? unit=17&lesson=27)

Introduction to Scratch (unit? unit=17&lesson=28)

Introduction to Loops (unit? unit=17&lesson=29)

More about Loops (unit? unit=17&lesson=30)

Solution to Looping Problem (unit? unit=17&lesson=31)

Scratch : Animation 1 (unit? unit=17&lesson=32)

Scratch : Animation 2 (unit? unit=17&lesson=33)

Scratch : Animation 3

☐ Walk

Yes, the answer is correct.

Score: 1

Accepted Answers:

Move

4) The command used to make the sprite disappear from the animation stage is

1 point

☐ Show

☒ Hide

☐ Delete

☐ move

Yes, the answer is correct.

Score: 1

Accepted Answers:

Hide

5) What is the extension of a scratch file?

1 point

☐ py

☐ Se

☒ Sb

☐ sc

Yes, the answer is correct.

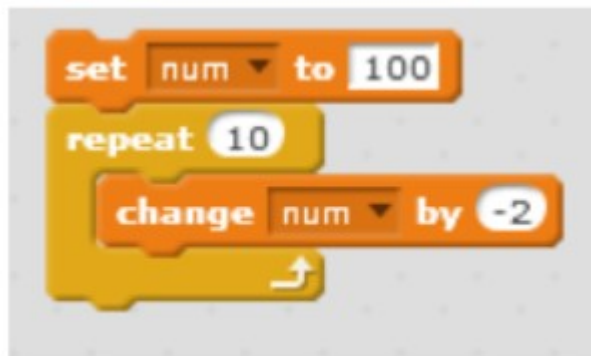
Score: 1

Accepted Answers:

Sb

6) Predict the output of the following:

1 point



☐ 0

☐ 100

☐ 20

☒ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

None of the above

7) Which of the following is a facility provided by scratch to use sound effects?

1 point

☐ A sound library is provided

☐ Sound can be recorded using a microphone

☐ We can use sound file

(unit?
unit=17&lesson
=34)

More on
Scratch (unit?
unit=17&lesson
=35)

Quiz: Week 1 :
Assignment 1
(assessment?
name=291)

Week 1
Feedback
Form: The Joy
of Computing
using Python
(unit?
unit=17&lesson
=36)

Week 2 ()

Week 3 ()

week 4 ()

Week 5 ()

Week 6 ()

Week 7 ()

Week 8 ()

Week 9 ()

Week 10 ()

Week 11 ()

Week 12 ()

Text
Transcripts ()

Download
Videos ()

Books ()

Live Session
()

Problem
Solving
Session ()

- ☐ None of the above
- ☒ All of the above are correct (except 4).

Yes, the answer is correct.

Score: 1

Accepted Answers:

All of the above are correct (except 4).

8) In addition to an option of using the inbuilt sprite library in scratch, what are the other ways to use a sprite? **1 point**

- ☐ We can paint a custom sprite
- ☐ We can use the camera to take pictures
- ☐ We can upload an image from our computer
- ☒ All of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

All of the above

9) _____ scratch constructs are used to keep doing a set of instructions infinitely? **1 point**

- ☐ ever
- ☒ forever
- ☐ never
- ☐ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

forever

10) Which of the following commands would make the sprite move backward? **1 point**

- ☐ Move 10 steps
- ☒ Move -10 steps
- ☐ Both 1 and 2
- ☐ Neither 1 and 2

Yes, the answer is correct.

Score: 1

Accepted Answers:

Move -10 steps

