

## Course outline

How does an NPTEL online course work?

### Week 0

### Week 1

- ☐ Introduction to Programming
- ☐ Why Programming?
- ☐ Programming for Everybody
- ☐ Any Prerequisites?
- ☐ Where to start?
- ☐ Why do we have so many languages?
- ☐ How to go about programming?
- ☐ Why to learn programming?
- ☐ What is programming?
- ☐ How to give instructions?
- ☐ Introduction to Scratch
- ☐ Introduction to Loops
- ☐ More about Loops
- ☐ Solution to Looping Problem
- ☐ Scratch : Animation 1
- ☐ Scratch : Animation 2
- ☐ Scratch : Animation 3
- ☒ More on Scratch
- ☒ Quiz: Week 1 : Assignment 1
- ☐ Week 1 Feedback Form: The Joy of Computing using Python

### 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

## Week 1 : Assignment 1

The due date for submitting this assignment has passed.

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

Assignment submitted on 2023-02-05, 11:19 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
- ☐ 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.

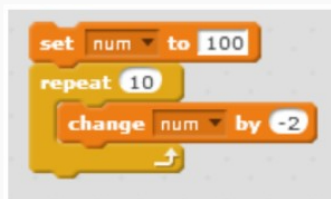
Score: 1

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
- ☐ 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

