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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 2021-08-18, 23:59 IST.

Assignment submitted on 2021-08-02, 22:21 IST

- 1) What is the value of var after double clicking on the below block of code in scratch? **1 point**



- ☐ 7.5
☒ 5
☐ 3
☐ 50

Yes, the answer is correct.

Score: 1

Accepted Answers:

5

- 2) Choose the odd one out. wait, repeat, forever, move **1 point**

- ☐ wait
☐ repeat
☒ forever

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
(unit?
unit=17&lesson=34)

☐ move

No, the answer is incorrect.

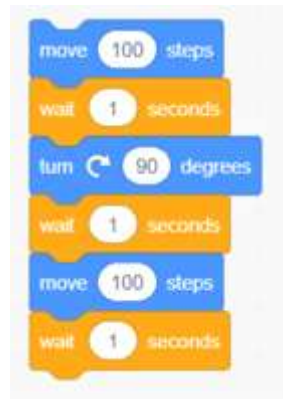
Score: 0

Accepted Answers:

move

3) How far will the sprite be from the initial position after executing this block of code?

1 point



☒ 141.42 steps

☐ 100 steps

☐ 10 steps

☐ 200 steps

Yes, the answer is correct.

Score: 1

Accepted Answers:

141.42 steps

4) What is the name of the command used to reshew the hidden sprite?

1 point

☐ reappear

☒ show

☐ undo hide

☐ visible

Yes, the answer is correct.

Score: 1

Accepted Answers:

show

5) The command used to make the sprite rotate by a certain degree is ?

1 point

☒ turn

☐ rotate

☐ revolve

☐ bend

Yes, the answer is correct.

Score: 1

Accepted Answers:

turn

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

Quiz: Week 1:
Assignment 1
(assessment?
name=282)

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

Live Session

October 10
Programming
test - Session 1
(10AM to 11AM)

6) The command used to delay the sprite by a few seconds is _____

1 point

- ☒ wait
☐ hold
☐ stop
☐ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

wait

7) What will the sprite recite when the below block of code is executed?

1 point



- ☐ All even numbers from 1 to 100
☐ All even numbers from 1 to 200
☐ All odd numbers from 1 to 100
☒ All odd numbers from 1 to 200

Yes, the answer is correct.

Score: 1

Accepted Answers:

All odd numbers from 1 to 200

8) Which of the following does not belong to the motion command ?

1 point

- ☐ move
☐ turn
☐ glide
☒ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

None of the above

9) What is the command to increase the size of the sprite?

1 point

**October 10
Programming
test - Session 2
(8PM to 9PM)**

- ☐ increase size
- ☒ change size by
- ☐ expand
- ☐ zoom in

Yes, the answer is correct.

Score: 1

Accepted Answers:

change size by

10) When will the sprite stop moving when this block of code is executed ?

1 point



- ☐ Never
- ☐ It will stop after a while
- ☒ It will stop after 100 rounds
- ☐ None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Never