



INDIAN SCHOOL AL WADI AL KABIR 2022 -23

Class: IX	SUBJECT: COMPUTER SCIENCE	
Holiday Homework	TOPIC : Scratch Programming	Date of submission 16/08/2022

Execute the below blocks and find the output and write in the notebook.

1) In this block of code, what will be the value of the answer variable.

```
when green flag clicked
  set num1 to 45
  change num1 by 5
  set num2 to 0
  change num2 by 10
  set answer to num1 + num2
```

2) In this block of code, what will be the value of the num1 variable.

```
when green flag clicked
  set num1 to 2
  repeat 3
    set num1 to num1 * 10
```

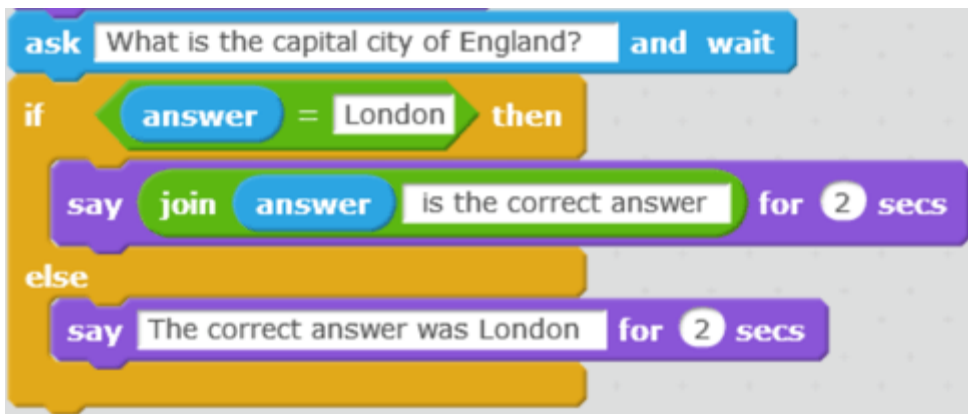
3) What shape will this block of code make?



```
when green flag clicked
  pen down
  repeat 5
    move 100 steps
    turn 90 degrees
  pen up
```

- a) Square b) Pentagon c) Triangle d) Hexagon

4) What would be the output if you type in 'Manchester' as the answer?



```
ask 'What is the capital city of England?' and wait
if answer = 'London' then
  say join answer ' is the correct answer' for 2 secs
else
  say 'The correct answer was London' for 2 secs
```

5) What does this block of code do



```
pick random 1 to 100
```

NOTE: Write the output in the note book