



INDIAN SCHOOL AL WADI AL KABIR

Worksheet, 2025-26

Class: 11th (IP)	Department of Computer Science	Date of submission:
Worksheet No: 3	Topic: Python fundamentals & Data handling	Note:

1. What is the difference between a keyword and an identifier?
2. Explain the different types of literals with examples.
3. What is the difference between the following statements?

- i) `Number = input("Enter a Number ? ")`
- ii) `Number = int (input ("Enter a Number? "))`

4. What will be the output of following code?

```
x, y = 25, 50
x, y = y, x+2
print(x, y)
OUTPUT: 50 27
```

5. Predict the output of following code:

```
x, y = 10, 15
x, y, x = x+1, y+3, x+10
print(x, y)
```

6. Guess the output
a)15%2 b)6%3 c) 21%4 d)17% 4 e)3%6 f) 11%2

7. Guess the output
a)15/2 b) 6/3 c)21/4 d) 17/4 e)3/6 f)11/2

8. Guess the output
a) 15//2 b)6//3 c)21//4 d)17//4 e)3//6 f)11//2

9. Hierarchy of operators:

If the values are X=True , Y=True , Z=False

- a)X or Y and (not Z)
- b) X and Z or Y
- c) Z or X and not X

10. If the value of A=0, B=10,C=2,D=4

- a) $P=A+B-C*2+D/2$
- b) $M= A+B+D*4+C**3$
- c) $M=(A+B)+(D*4)+(C**3)$

11. Write a Python program to input mark in 5 subjects and outputs average marks.
12. Write a Python program to input a number n and print n^2 , n^3 n^4 .
13. Write a Python program to compute simple interest.
 $SI=PRT/100$
14. Write a Python program to find area of a triangle.
15. Write a Python program to input the height in centimeters and then converts it into feet and inches.
(1 foot = 12 inches, 1 inch = 2.54 cm)
16. Write a Python program to input radius of a circle and print its area.
17. Write a Python program to input the salary of an employee and find the bonus.
(Bonus = 30 % of salary)
18. Write a Python program that reads a number of seconds and print it in form: mins and seconds.