

Python Practice Problems

1. Write a Python Program to accept the details of a student like name, roll number and mark and display it.

Sample input: Enter the name: Anisha

Enter the roll number: 21

Enter the mark: 78

Sample output:

Name: Anisha

Roll No: 21

Mark: 78

2. Write a Python program to convert temperatures to and from Celsius Fahrenheit. [Formula: $c/5=f-32/9$ where c =temperature in Celsius and f =temperature in Fahrenheit.] Sample input: Temperature in Fahrenheit =41
Sample output: Temperature in Celsius =5
3. 1. Write a Python program to accept two numbers from the user and display its product.
4. Write a Python program to accept a string "Learn Python by Developing a Website" and display the string like "Learn**Python** by Developing a **Website**"
5. Write a Python program to accept the radius of a circle and display its area.
6. Python program to insert a number to any position in a list (Get the number to be inserted and position from the user)
7. Write a program to rename a key city to a location in the following dictionary.
sample_dict = { "name": "John", "age":5, "salary": 8000, "city": "New York"}
8. Write a Python program to change Brad's salary to 8500 in the following dictionary.
sample_dict = {
 'emp1': {'name': 'John', 'salary': 7500},
 'emp2': {'name': 'Emma', 'salary': 8000},
 'emp3': {'name': 'Brad', 'salary': 500}
}

9. Write a program to copy elements 43 and 54 from the following tuple into a new tuple. Given:

```
tuple1 = (10, 20, 43, 54, 56, 68)
```

10. Counts the number of occurrences of item 50 from a tuple

```
tuple1 = (50, 10, 60, 70, 50, 83, 56, 7, 50, 81)
```

