

Q1.

```
name=input("Enter your name ")
print("Hello",name)
print("Enter values for a and b ")
a=int(input())
b=int(input())
print("Original values: a={},b={}".format(a,b))
temp=a
a=b
b=temp
```

```
print("New values: a={},b={}".format(a,b))
```

Q2.

```
radius=float(input("Enter radius "))
area=3.14*radius*radius
```

```
print(area)
```

Q3.

```
import datetime
birth_year=int(input("Enter birth year "))
print("age=",datetime.datetime.now().year-birth_year)
```

Q4.

```
name=input("Enter name ")
fl=input("Enter favourite flavour ")
print("Hello, {}! We're delighted to serve you your favorite {} cake on your birthday. Happy Birthday.".format(name,fl))
```

Q5.

```
p=float(input("Enter principal "))
r=float(input("Enter rate of interest "))
t=float(input("Enter time in years "))
```

```
si=(p*r*t)/100
```

```
print(si)
```