Assignment - 2

1A.

```
kms = int(input('Enter no of kms: '))
print('Value in miles: ',kms*0.621371)
```

2A.

```
# (0°C × 9/5) + 32 = 32°F
celsius = int(input('Enter celsius value: '))
print('Value in Farenheit: ',(celsius*9/5)+32)
```

3A.

```
import calendar
yy = int(input("Enter year: "))
mm = int(input("Enter month: "))
print(calendar.month(yy, mm))
```

4A.

```
import cmath
a = float(input('Enter a: '))
b = float(input('Enter b: '))
c = float(input('Enter c: '))

# calculate the discriminant
d = (b**2) - (4*a*c)

# find two solutions
sol1 = (-b-cmath.sqrt(d))/(2*a)
```

```
sol2 = (-b+cmath.sqrt(d))/(2*a)

print('The solution are {0} and {1}'.format(sol1,sol2))
```

5A.

```
# swap without temp

a = int(input('Enter a number a : '))

b = int(input('Enter a number b : '))


a,b=b,a

print('Now a is ',a,' and b is ',b)
```