

Python basic assignment 2(practical)

1:

```
km = int(input('Enter km: '))
```

```
miles = km * 0.62137119
```

```
print(miles)
```

2:

```
Celcius = int(input('Enter celcius(in temp): '))
```

```
Fahernheit = Celcius * (9/5) + 32
```

```
print(Fahernheit)
```

3:

```
import calendar
```

```
print(calendar.calendar(2022)) # This will print the calendar of year 2022
```

4:

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

```
b = int(input('Enter b: '))
```

```
c = int(input('Enter c: '))
```

```
dis = b*b - 4*a*c
```

```
if a == 0:
```

```
    print('Input correct quadratic equation')
```

```
else:
```

```
    if dis > 0:
```

```
        print('real and different roots')
```

```
         $x1 = ((-b) + (dis^{0.5})) / (2*a)$ 
```

```
         $x2 = ((-b) - (dis^{0.5})) / (2*a)$ 
```

```
        print(x1)
```

```
        print(x2)
```

```
    elif dis == 0:
```

```
        print('real and same roots')
```

```
         $x = (-b) / (2*a)$ 
```

```
        print(x)
```

```
    else:
```

```
        print('complex roots')
```

```
         $x1 = ((-b) + (dis^{0.5})) / (2*a)$ 
```

```
         $x2 = ((-b) - (dis^{0.5})) / (2*a)$ 
```

```
        print(x1)
```

```
        print(x2)
```

```
5:
```

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

```
b = int(input('Enter second number: '))
```

```
a,b = b,a
```

```
print(a)
```

```
print(b)
```