

In [20]:

```
1 one_mile=1.6 # km
2 kilometers=int(input("enter kilometers:"))
3 miles=kilometers//one_mile
4 print(miles)
```

enter kilometers:100
62.0

In [22]:

```
1 zero_celsius=32 # Fahrenheit
2 celsius=int(input("enter celsius:"))
3 farhenit=celsius*zero_celsius
4 print(farhenit)
```

enter celsius:5
160

In [42]:

```
1 import calendar
2 month=5
3 year=2023
```

In [44]:

```
1 cal=calendar.calendar(year,month)
2 cal
```

Out[44]:

2023\n\n												January																																
February			March\n									Mon			Tue			Wed			Thu			Fri			Sat			Sun			Mon			Tue			Wed			Th		
u	Fri	Sat	Sun		Mon	Tue	Wed	Thu	Fri	Sat	Sun\n																																	
1	2	3	4	5				1	2	3	4	5\n	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27										
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25	26	27	28	29	30\n	31\n																																						
\n			October									November																																
December\n	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri											
Th	Fri	Sat	Sun\n					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27										
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11	12	13	14	15	16	17\n	18	19	20	21	22	23	24	25	26	27	28	29	30																									
26		18	19	20	21	22	23	24\n	25	26	27	28	29	30																														
25	26	27	28	29	30	31\n																																						

In [36]:

```
1 import cmath
2 a=int(input("enter value of a:"))
3 b=int(input("enter value of b:"))
4 c=int(input("enter value of c:"))
5 d=(b**2)-(4*a*c)
6 sol1=(-b-cmath.sqrt(d))/(2*a)
7 sol2=(+b-cmath.sqrt(d))/(2*a)
8 print("final solution",sol1,sol2)
9
10
```

enter value of a:8
enter value of b:6
enter value of c:5
final solution (-0.375-0.6959705453537527j) (0.375-0.6959705453537527j)

In [41]:

```
1 a=int(input("enter value a:"))
2 b=int(input(" enter value b:"))
3 a=a+b
4 b=a-b
5 a=a-b
6 print("After swapping value of a",a)
7 print("After swapping value of b",b)
```

```
enter value a:10
enter value b:5
After swapping value of a 5
After swapping value of b 10
```

In []:

1