




In [35]:  1 `import math`

Area of Rectangle

In [36]:  1 `length = 50`

In [37]:  1 `height = 40`

In [38]:  1 `Rectangle = length*height`
2 `Rectangle`


Out[38]: 2000

Area of square

In [39]:  1 `s = int(input('Enter the side of the square: '))`
2 `s`
3


Enter the side of the square: 50

Out[39]: 50

In [40]:  1 `square = s*s`
2 `square`

Out[40]: 2500

Area of Semi - circle

In [41]:  1 `r = height/2`
2 `r`

```
In [41]: 1 r = height/2
          2 r
          3
```

Out[41]: 20.0

```
In [42]: 1 circle = math.pi*r*r
          2 circle
```

Out[42]: 1256.6370614359173

```
In [43]: 1 Semi_circle = circle/2
          2 Semi_circle
```

Out[43]: 628.3185307179587

1.

```
In [48]: 1 A = Rectangle - Semi_circle
          2 A
```

Out[48]: 1371.6814692820412

2.

```
In [49]: 1 B = Rectangle + Semi_circle
          2 B
```

Out[49]: 2628.3185307179588