Ben Deatsman Classwork 1b

Compute 1 + 4 squared

In [5]:
```
1+(4**2)
```

Out[5]:
```
17
```

Compute (1+4)squared

In [6]:
```
(1+4)**2
```

Out[6]:
```
25
```

Compute 1 cubed + 2 cubed + 3 cubed + 4 cubed

In [7]:
```
(1**3)+(2**3)+(3**3)+(4**3)
```

Out[7]:
```
100
```

Compute (1+2+3+4)sqaured

In [8]:
```
(1+2+3+4)**2
```

Out[8]:
```
100
```

Say you have a 12″ pizza. Compute the area of the pizza and assign that value to the variable area

In [10]:
```
r = 6
pi = 3.14159
area = pi*r**2
area
```

Out[10]:
```
113.09724
```

Now say the cost of the pizza was $8. Compute the cost per square inch and assign that value to a variable ppsi

In [12]:
```
cost = 8
ppsi = cost/area
ppsi
```

Out[12]:
```
0.07073559001086145
```