|  |
| --- |
| squarer |
| length:float  -name:str  -n\_dimensions:intiger  sidth:float |
| sides():str  angles():str  get\_total\_area():str  get\_volume():str  perimeter():str  diameter():str  get\_dimensions():str |

|  |
| --- |
| rectangle |
| length:float  width:float  -name:str  -n\_dimensions:intiger |
| dimensions():str  area()  volume():str  total\_area():str  sides()  angles()  perimeter() |

|  |
| --- |
| two\_dimensionals |
| name:str |
| dimensions():str  area()  volume():str  total\_area():str  sides()  angles()  perimeter() |

|  |
| --- |
| Rectangular\_cube |
| Cube\_sides:intiger  -shape\_name:str  length:float  equal\_sides:str  width:float  height:float |
| volume():str  total\_area():str  shape\_kind():str  get\_\_sides():str  get\_\_dimensions():str |

|  |
| --- |
| cube |
| Cube\_sides:intiger  -shape\_name:str  length:float  equal\_sides:str  width:float  height:float |
| Volume():str  Total\_area():str  area():str  get\_dimensions():str  shape\_kind():str  get\_\_sides():str  get\_equal\_sides():str |

|  |
| --- |
| Threedimensionals |
| length:float  width:float  height:float  radius:float |
| dimensions():str  area()  volume()  total\_area()  sides() |

|  |
| --- |
| Shapes |
| Name:str  Info:str |
| dimensions()  area()  volume()  total\_area()  sides() |

|  |
| --- |
| sin |
| degree:float |
| sinus():intiger |

|  |
| --- |
| cone |
| radius:float  height:float  slope\_length:float  -having\_volume:str  -shape\_name:str  n\_dimensions:intiger |
| Volume():str  total\_area():str  get\_sides():str  get\_dimensions():str  side\_area():str |

|  |
| --- |
| pyramid |
| height:flaot  length:float  width:float  side:float  name:str  equal\_sides:str  n\_dimensionals:str |
| get\_dimensions():str  area():str  volume():str  sides():str  total\_area():str |

|  |
| --- |
| Cylinder |
| -name:str  Radius:float  height:float  n-dimensions:str |
| get\_dimensions():str  Area():str  Volume():str  Total\_area()str  Sides():str |

|  |
| --- |
| sphere |
| \_\_init\_\_(radius:intiger)  get\_dimensions():str  area():str  volume():str  sides():str  total\_area():str |

|  |
| --- |
| triangle |
| ab:float  bc:float  ac:float  -name:str  -n\_dimensions:str  Sins  :class |
| Sides():str  Angles():str  Get\_total\_area():str  Get\_volume():str  Perimeter():str  Diameter():str  Get\_dimensions():str  Get\_volume():str |

|  |
| --- |
| Regular\_polygon |
| Number:intiger  Length:float  -name:str  -n\_dimensions:intiger  a:float |
| Sides():str  Angles():str  Get\_total\_area():str  Get\_volume():str  Perimeter():str  Diameter():str  Get\_dimensions():str  Get\_volume():str |

|  |
| --- |
| diamond |
| length:float  sins:class  -name:str  -n\_dimensions:intiger |
| Sides():str  Angles():str  Get\_total\_area():str  Get\_volume():str  Perimeter():str  Diameter():str  Get\_dimensions():str  Get\_volume():str |

|  |
| --- |
| Circle |
| -name:str  -n\_dimensions:intiger  Radius:float |
| Sides():str  Angles():str  Get\_total\_area():str  Get\_volume():str  Perimeter():str  Diameter():str  Get\_dimensions():str  Get\_volume():str |