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| **Program 01** |
| **Output** |
| <class 'str'> A  <class 'int'> 65  <class 'float'> 3.1415  <class 'str'> This is a test |
| **Source Code** |
| #This program utilizes the assignment operator and assigns  #values to letters and prints out the value and the type  def main():  a = 'A'  b = 65  c = 3.1415  d = 'This is a test'  print(type(a),a)  print(type(b),b)  print(type(c),c)  print(type(d),d)  if \_\_name\_\_ == "\_\_main\_\_": main() |

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| **Program 02** |
| **Output** |
| The sum is 15  The average is 3.0 |
| **Source Code** |
| #This program assigns 5 values to variables. It then sums  # and averages the variables and then prints the values.  def main():  a = 1  b = 2  c = 3  d = 4  e = 5  f = a + b + c + d + e  g = f/5  print ('The sum is',f)  print ('The average is',g)  if \_\_name\_\_ == "\_\_main\_\_": main() |

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| **Program 03** |
| **Output** |
| Stock cost: $ 26250.0  Commission Cost: $ 525.0  Total cost: $ 26775.0 |
| **Source Code** |
| def main():  costOfShare = 35.0  numberOfShares = 750  commissionPercentage = 0.02  stockCost = costOfShare \* numberOfShares  commissionCost = stockCost \* commissionPercentage  totalCost = stockCost + commissionCost  print('Stock cost: $',stockCost)  print('Commission Cost: $', commissionCost)  print('Total cost: $', totalCost)    if \_\_name\_\_ == "\_\_main\_\_": main() |

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| **Program 04** |
| **Output** |
| The sum of the three values is 15  The sum of the three values is 6  The sum of the three values is 9 |
| **Source Code** |
| def main():  addThree(4,5,6)  addThree()  addThree(4)  def addThree(a=1,b=2,c=3):  total = a + b + c  print('The sum of the three values is', total)    if \_\_name\_\_ == "\_\_main\_\_": main() |

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