### ITE3101 Introduction to Programming – CA Test Revision Exercise Answer

Q1.

a. True

b. False

c. False

d. False

Q2.  
print("Please input a number:")

try:

n = int(input())  
 print("$" \* n) # "$" \* 3 -> "$$$" , "$" \* 2 -> "$$"  
 print("$" \* n \* 2)  
except ValueError:  
 print("Invalid Number!")

Q3.

def func(x:int)->int:

return x\*\*2 + x\*2 + 1

def checking(i:int, j:int)->int:

count = 0

while func(i) < j:

count += 1

return count

Q4.   
record = [["Name","Age","Location","Position"],["Judy","20","Tai Po","Clark"],["Tom","25","Fanling","Sales"],["Peter","18","Sha Tin","Programmer"]]  
  
Q5.   
record = [  
{"Name":"Judy","Age":"20","Location":"Tai Po"," Position":"Clark"},  
{"Name":" Tom","Age":"25","Location":" Fanling"," Position":" Sales"},  
{"Name":" Peter","Age":"18","Location":" Sha Tin"," Position":" Programmer"}  
]