Student ID…………19141321……………………………………………………

1. What will be printed out when the following two lines of codes are executed by Python interpreter? (3 minutes)

for counter in range(3):

….print(“Hello”)

Note that …. represents indentation

Write down your answer in the box immediately below (2 marks)

Hello

Hello

Hello

2. What will be printed out when the following three lines of codes are executed by Python interpreter?

counter = 1

while counter < 3:

….print (“Hello World!”)

…. counter = counter + 1

Write down what will be printed out by Python when the four lines of code in the box immediately below (4 minutes)

Hello World!

Hello World!

For question 2, describe the purpose of counter = 1

counter = 1 means, the loops start counting from 1

counter+1 means the no of loops increases by steps of 1

For question 2, describe the purpose of counter = counter + 1

1. Write a program in five lines of code which:

* Ask the user to enter an integer between 1 and 300, and assign the user’s answer to a new variable called number
* output ‘small value if the user’s number is less than 150, else ‘big value’

Be careful with the spelling, punctuation, syntax, indentation, casting

Write your code below. ( 8 minutes)

number = int(input(“Enter a number between 1 and 300))

if number < 150:

print (“small value”)

else:

print(“big value”)

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