**Python Programming Year 8 Assessment**

**Level 3/4 Questions**

1. Which of the following pieces of code will simply display a message once, on the screen, **without** waiting for the user to type in a response?

name = input(“What is your name?)

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1. Which of the following pieces of code will display a message on the screen and store the response in a variable?

number = int(number)

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1. Which of the following code will program decisions?

print(“Hello World”)

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1. Which of the following pieces of code will convert a string variable into an integer variable (one that contains a number not text)?

if mood == “good”:

print(“You’re happy”)

else:

print(“You’re not happy”)

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**Level 5 Questions**

1. By using, adapting and ordering the code shown opposite and using the flowchart as a guide, create a program which:

print(item)

INPUT ‘film’

STORE ‘film’

OUTPUT ‘film’ with “…I’d give it 4 stars”

* Gets the program to ask the user to type in their favourite film
* Displays the film that the user just typed in along with the text “…I’d give it 4 stars!!”

Item = input(“What is your …?)

Paste a screen shot of your code in the box below – make sure it is cropped and of a good size so that I can read it!

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1. By using, adapting and ordering the code shown opposite and using the flowchart as a guide, create a program which:

if item == “yes”:

print(“Glad…”)

else:

print(“what’s…”)

INPUT ‘yes/no’

STORE ‘feeling’

IF feeling=yes

OUTPUT ‘Glad your…’

OUTPUT ‘what’s up…’

IF feeling=no

* Gets the program to ask the user if they are happy (and tell them to answer YES or NO)
* Program it so that it says “Glad you are happy!” if the user enters YES
* Program it to say “What’s up?!” if the user enters NO

Item = input(“What is your …?)

Paste a screen shot of your code in the box below – make sure it is cropped and of a good size so that I can read it!

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**Level 6 Questions**

1. Using the flowchart as a guide, create a program which:

INPUT ‘num1’

STORE ‘num1’

INPUT ‘num2’

STORE ‘num2’

IF num1>num2

OUTPUT ‘num1’

OUTPUT ‘num2’

Yes

No (else)

* + Gets the program to ask the user to type in 2 numbers
  + The program must then decide which is the largest of the two numbers and display the largest number on the screen

Paste a screen shot of your code in the box below – make sure it is cropped and of a good size so that I can read it!

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1. Create a program which:

* Gets the program to ask the user to type in their test score (out of 100)
* Program it so that it displays “YOU PASSED!!” if the user enters a score of 50 or greater
* Program it so that it displays “YOU FAILED!!” if the user enters a score less than 50

Paste a screen shot of your code in the box below – make sure it is cropped and of a good size so that I can read it!

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**Level 7 Questions**

Create a program which:

* Gets the program to ask the user to type in 3 numbers
* The program must then display the 3 numbers back onto the screen in order (starting with the smallest)

Paste a screen shot of your code in the box below – make sure it is cropped and of a good size so that I can read it!

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