

ICS3U Python Selection Test – Practical

This section is open book with the use of your computer. Complete the following programs, save them on your H drive and upload them to Edsby.

1. In the card game "Gang of Four" points are bad. The more cards you have in your hand at the end of a round the points you get based on the following table.

Number of cards	Point multiplier
1- 7	1x
8-10	2x
11-13	3x
14-15	4x
16	5x

Write a program that lets the user type in how many cards they have in their hand and tell them how many points they would receive. For Example:

```
How many cards do you have? 12
That is 36 points
```

Explanation: 12 cards is in the x3 category so the total is 12 x 3

Save as **test11.py** (10 marks)

2. Write a program that simulates "that guy." You know the one I'm talking about. The one who can't just say hello like a normal person but always has to repeat things. Your program will allow the user to continue to enter names until they enter "end". For each name the computer will increase how annoying its response is by increasing how many times it outputs the name. A sample run looks like:

```
Enter your name: Paula
Hey Paula!
Enter your name: Zak
Hey Zak Zak!
Enter your name: Matt
Hey Matt Matt Matt!
Enter your name: Karren
Hey Karren Karren Karren Karren!
Enter your name: end
```

Save as **test12.py** (10 marks)