# Worksheet 1

Create a repl.it account. I use google to log in.

Create a c++ project:

Graphical user interface, application, Word

Description automatically generated

1. Investigate the primitive data types in c++
2. Investigate datatype modifiers
3. Measure how much memory each use **Sizeof**
4. Investigate what happens if you go past the bounds of the data type  
     
   int -2,147,483,648 to 2,147,483,647  
   int i = 2147483647;  
   i += 10;

Useful links:

<https://www.geeksforgeeks.org/c-data-types/>

Try to do this task on your own, but if you get stuck you can refer to this example:

<https://replit.com/@JohnGlazebrook/size-of-2#main.cpp>