**Question 1**

**#include <iostream>**

**#include <string>**

**using namespace std;**

**int main()**

**{**

**// Char signed**

**char Char1=-128;**

**char Char2=-129;**

**// Char Unsigned**

**char Char3= 255;**

**char Char4=256;**

**// Short signed**

**short short1=-32768;**

**short short2=-32769;**

**//Short Unsigned**

**short short3=65535;**

**short short4=65536;**

**//Int signed**

**int int1=-2147483648;**

**int int2=-2147483649;**

**//Int unsigned**

**int int3=4294967295;**

**int int4=4294967296;**

**cout<<Char1<<Char2<<Char3<<Char4<<short1<<short2<<short3<<short4<<int1<<int2<<int3<<int4;**

**}**

**Question 2  
  
The output to the code is:  
“**5 10

2 4 6 8 10

 “

This output came to be by essentially outputting the values of 2 arrays one after another. The arrays were output by using a function called “printarray”. This function takes an array and creates a counter that allows the array to output its elements one by one using a for loop that is stopped by the counter.