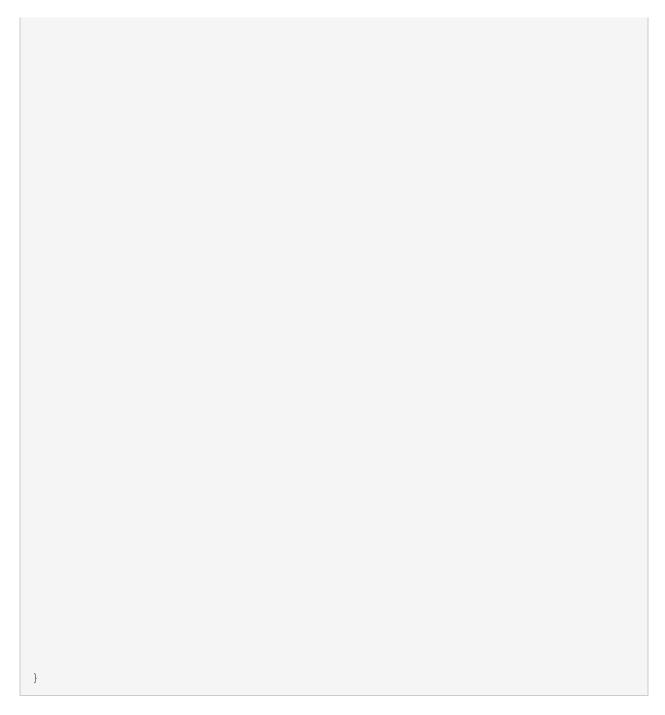
BIL 104E QUIZ 4 (Section B)

1)Write a function drawRect(int n, int m) that draws a empty rectangle with * where the length of sides are n and m.

```
void drawRect(int n, int m) {
 for(int i=0; i!=n; i++) {
for(int j=0; j!=m; j++) {
if(i==0 || i==n-1 || j==0 || j==m-1) cout<<"x";
else
cout<<" ";
cout<<endl;</pre>
```

2. Write a function g_d to find the greatest divisor of the parameter other than itself.

```
int g_d(int n) {
   int max=0;
   for(int i=1; i<n; i++) {
   if(n%i==0) max=i;
   }
   Return max; }</pre>
```



3. What is the output of the following program

```
#include <iostream>
using namespace std;

int fun1(int x1, int x2);

void fun2(int &x1, int x2, int &x3);

void fun3(int &z);

int main(){
```

```
int x=4,y=2,z=5;
fun2(z, int x, int &y);
cout << x << " " << y << " " << z << endl;
fun3(int &x);
cout << x << " " << y << " " << z << endl;
y = fun1(int x, int z);
cout << x << " " << y << " " << z << endl;
return 0;
}

int fun1(int x1, int x2){
  return x1/x2*5;
}

void fun2(int &x1, int x2, int &x3){
  x1 = x2 * x3 - x1;
  x3 = x1 - x2;
}

void fun3(int &z){
  z = z/3;</pre>
```

Output:

4 -1 3

1 -1 3

1 0 3