Lab Task#6

Question#1

```
#include<iostream>
using namespace std;
int main(){
    int arr[3];
    int a,b;
    int *min,*max;
    for(int i=0;i<3;i++){
        cin>>arr[i];
    }

    a=arr[0];
    b=arr[0];
    min=&a;
    max=&b;
    for(int i=0;i<3;i++){
        if(arr[i]<a){
            a=arr[i];

        }
        if(arr[i]>b){
            b=arr[i];

        }

    }
    cout<<"max= "<<a;
    cout<<"min= "<<b;
}
```

Output

Question#4

Code;

```cpp
#include<iostream>
#include<cstring>
using namespace std;
int main(){
    char  ch[20];
    //char s;
        cin>>ch;
    //ch[]= & s;

    int * l;
    int a=strlen(ch);
    l=& a;
    cout<<"length of string is " <<*l;
}
```

Output of Question #4

```
Muzamil
length of string is 7
--------------------------------
```

Question# 5

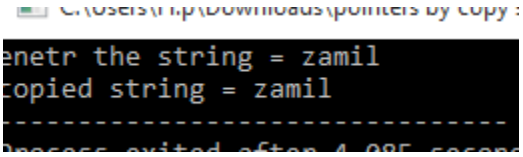
Code;

```
#include<iostream>
#include<cstring>
using namespace std;
int main(){
    char  name[20];

    char  copy[20];
    char *p1,*p2;
    cout<<"enetr the string = ";
    cin>>name;
    p1=name;
    p2=copy;
    while(*p1!='\0'){
        *p2=*p1;
        p1++;
        p2++;
    }
    *p2='\0';
    cout<<"copied string = "<<copy;

    return 0;
}
```

Output of Question# 5



Question#6

```
#include<iostream>
#include<cstring>
using namespace std;
int main(){
    char  s1[20];

    char  s2[20];
    char *p1,*p2;
    cout<<"enetr the string = ";
    cin>>s1;
    cout<<"enetr the second string ";
    cin>>s2;
    p1=s1;
    p2=s2;
    while(*p1!='\0'){
        p1++;
    }
        while(*p2!='\0'){
        *p1=*p2;
        p1++;
        p2++;



    }
    *p1='\0';
    cout<<"concentrated string = "<<s1;



    return 0;
}
```

Output of Question# 6

```
enetr the string = Muz
enetr the second string= amil
concentrated string = Muzamil
--------------------------------
```

Question # 2

Code;

```c
#include <stdio.h>

int main()
{
    float celsius, fahrenheit;

    /* Input temperature in fahrenheit */
    printf("Enter temperature in Fahrenheit: ");
    scanf("%f", &fahrenheit);

    /* Fahrenheit to celsius conversion formula */
    celsius = (fahrenheit - 32) * 5 / 9;

    /* Print the value of celsius */
    printf("%.2f Fahrenheit = %.2f Celsius", fahrenheit, celsius);

    return 0;
}
```

Output

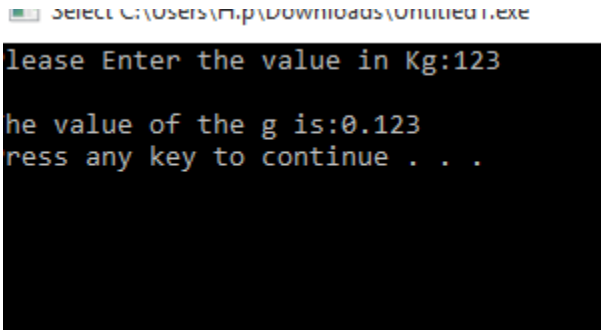
```
Enter temperature in Fahrenheit: 3
3.00 Fahrenheit = -16.11 Celsius
--------------------------------
Process exited after 3.816 seconds with return value 0
```

Question # 3

Code;

```c
#include<iostream>
#include<conio.h>
using namespace std;
main()
{
float *kg,*g;
cout<<"Please Enter the value in Kg:";cin>>kg;
cout<<"\n";
g = kg / 1000;
cout<<"The value of the g is:"<<g;
cout<<"\n";
system("Pause");
}
```

Output


lease Enter the value in Kg:123
he value of the g is:0.123
ress any key to continue . . .