**Question2**: Write a program to find out the greatest and the smallest among three numbers using pointers.

```
double num1, num2, num3;

cout<<" enter the first number"<<endl;
cin>>num1;
cout<<" enter the second number"<<endl;
cin>>num2;
cout<<" enter last number"<<endl;
cin>>num3;

double *ptrNum2 = &num2;
double *ptrNum3 = &num3;

double *greate = &num1;

 if (*ptrNum2 > *greate){
 greate = ptrNum2;

 }

 if (*ptrNum3 > *greate){
 greate = ptrNum3;
 }

    cout<<"the greater number is: "<< *greate <<endl;
```

**Question3:** Write a program to print the address of a variable whose value is input from user.

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

int main()
{
    int x;
    cout << "Enter a number\n";
    cin >> x;
    cout << "Address is "<<&x<<"\n";
    return 0;
}
```

**Question4:** Write a program to print the address of the pointer to a variable whose value is input from user.

```cpp
double num1;


cout<<" enter the first number"<<endl;

cin>>num1;

double *address = &num1;

    cout<<"the address of the pointer is: "<<&address <<endl;
```