# Practice Set 7 – Pointers

1. What would be the output of:

```c
#include <stdio.h>
int main(){
    int i = 10;
    printf("%u",&i);
    return 0;
}
```

2. What would be the output of:

```c
#include <stdio.h>
int main(){
    int i = 10;
    printf("%d",*(&i));
    return 0;
}
```

3. What is a pointer to a pointer?

4. Write a function which returns a pointer.

## Level 2

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

2. Write a program to print a number which is entered from keyboard using pointer.

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

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

5.Write a program which will take pointer and display the number on screen. Take number from user and print it on screen using that function.

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

**Level 3**

1.Write a program to find the factorial of a number using pointers.

2.Write a program to reverse the digits a number using pointers.