4.7.POINTER TO FUNCTION

In C, like <u>normal data pointers</u> (int *, char *, etc), we can have pointers to functions. Following is a simple example that shows declaration and function call using function pointer.

Example program

Output

Value of a is 10

Following are some interesting facts about function pointers.

- 1) Unlike normal pointers, a function pointer points to code, not data. Typically a function pointer stores the start of executable code.
- 2) Unlike normal pointers, we do not allocate de-allocate memory using function pointers.
- 3) A function's name can also be used to get functions' address