Lab Session 2

SDS 322/329

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Write a C Program to Find the Cube of a Number

- Declare a variable named **N** and set its value to 0

- Declare a variable named **cube**

- Prompt the user to enter the value of **N**
  - You would need to use the `printf` function to print the message "Enter the value of N" on the screen

- Read the value of **N**

- Calculate the cube of **N** and save the value of cube in the variable named **cube**

- Print the value of the variable **N** and its **cube**

Solution

```c
#include <stdio.h>
int main(){
    int N = 0;
    int cube;
    printf("Enter the value of N\n");
    scanf("%d",&N);
    cube = N*N*N;
    printf("Cube of %d is %d\n", N, cube);
    return 0;
}
```