

Aim: To write a program to analyse the input number is even print its square otherwise print its cube .

Source Code:

```
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#include<iostream.h>
#include<math.h>
#include<conio.h>
void main()
{
    int a;
    clrscr();
    cout<<"Enter the number to be analysed :";
    cin>>a;
    cout<<"\nThe answer according to the given condition is :";
    cout<<((a%2==0)?(pow(a,2)):(pow(a,3)));
    getch();
}
```

Output:



The screenshot shows a Windows command prompt window titled "C:\Windows\system32\cmd.exe - tc". The prompt displays the text "Enter the number to be analysed :2" followed by a newline and "The answer according to the given condition is :4". The window has standard Windows controls (minimize, maximize, close) in the top right corner.



The screenshot shows a Windows command prompt window titled "C:\Windows\system32\cmd.exe - tc". The prompt displays the text "Enter the number to be analysed :3" followed by a newline and "The answer according to the given condition is :27". The window has standard Windows controls (minimize, maximize, close) in the top right corner.

