

```
/******  
*****
```

Welcome to GDB Online.

GDB online is an online compiler and debugger tool for C, C++, Python,  
Java, PHP, Ruby, Perl,  
C#, OCaml, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly,  
HTML, CSS, JS, SQLite, Prolog.  
Code, Compile, Run and Debug online from anywhere in world.

```
*****  
*****/
```

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int i = 1, num, Sum = 0;
```

```
printf(" Enter any number to check Perfect Number \n");
```

```
scanf("%d", &num);
```

```
while(i < num )
```

```
{
```

```
    if(num % i == 0)
```

```
        Sum = Sum + i;
```

```
    i++;
```

```
}
```

```
    if(Sum == num)
```

```
        printf("\n %d is Perfect Number", num);
```

```
    else
```

```
        printf("\n %d is not a Perfect Number", num);
```

```
        return 0;
```

```
}
```