

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

```
int main()
```

```
{
```

```
    int number, rem, sum = 0, i;
```

```
    printf("Enter a Number: ");
```

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

```
    for (i = 1; i <= (number - 1); i++)
```

```
    {
```

```
        rem = number % i;
```

```
        if (rem == 0)
```

```
        {
```

```
            sum = sum + i;
```

```
        }
```

```
    }
```

```
    if (sum == number)
```

```
        printf("%d is perfect number", number);
```

```
    else
```

```
        printf("%d is not a perfect number", number);
```

```
    return 0;
```

```
}
```