

Problem34 : Check whether a number is a perfect no.

Code :

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

```
int main() {
```

```
    int num, i, sum = 0;
```

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

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

```
    // Find divisor
```

```
    for(i = 1; i < num; i++) {
```

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

```
            sum += i;
```

```
        }
```

```
    }
```

```
    if(sum == num) {
```

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

```
    } else {
```

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

```
}  
  
return 0;  
}
```

Output:

8
8 is not a perfect number