

```
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```

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

```
#include <string.h>
```

```
int main ()
```

```
{
```

```
    int even=0, odd=0;
```

```
    char num[10];
```

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

```
    scanf("%s", num);
```

```
    while (strcmp(num, "#")!=0){
```

```
        int actualNum = atoi(num);
```

```
        if(actualNum % 2 == 1) {
```

```
            odd += actualNum;
```

```
        }
```

```
        else {
```

```
            even += actualNum;
```

```
        }
```

```
        printf("Enter a number\n");
```

```
        scanf("%s", num);
```

```
    }
```

```
    printf ("sum of even: %d, sum of odd: %d\n", even, odd);
```

```
    return (0);
```

```
}
```