

```
int a;  
scanf("%d", &a);  
printf("%d", a);
```

\$

```
int a;  
scanf("%d", &a);  
printf("%d", a);
```

```
$ ./a.out ↵
```

```
int a;  
scanf("%d", &a);  
printf("%d", a);
```

```
$ ./a.out ↵
```

```
50t ↵
```

```
int a;  
scanf("%d", &a);  
printf("%d", a);
```

```
$ ./a.out ↵  
50t ↵  
50  
$
```

```
int a, b;  
scanf("%d", &a);  
scanf("%d", &b);  
printf("%d %d", a, b);
```

```
$ ./a.out ↵
```

```
50t ↵
```

```
50
```

```
$
```

```
int a, b;  
scanf("%d", &a);  
scanf("%d", &b);  
printf("%d %d", a, b);
```

```
$ ./a.out ↵
```

```
50t ↵
```

```
50
```

```
$ ./a.out ↵
```

```
int a, b;  
scanf("%d", &a);  
scanf("%d", &b);  
printf("%d %d", a, b);
```

```
$ ./a.out ↵
```

```
50t ↵
```

```
50
```

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```
50t ↵
```

```
int a, b;  
scanf("%d", &a);  
scanf("%d", &b);  
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```

```
$ ./a.out ↵
```

```
50t ↵
```

```
50
```

```
$ ./a.out ↵
```

```
50t ↵
```

```
50 1354349328
```

```
$
```



```
int a, b, c;  
scanf("%d", &a);  
scanf("%d", &b);  
scanf("%d", &c);  
printf("%d %d %d", a, b, c);
```

```
$ ./a.out ↵
```

```
50t ↵
```

```
50
```

```
$ ./a.out ↵
```

```
50t ↵
```

```
50 1354349328
```

```
$
```

```
int a, b, c;  
scanf("%d", &a);  
scanf("%d", &b);  
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```

```
$ ./a.out ↵
```

```
50t ↵
```

```
50
```

```
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```

```
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```

```
50 1354349328
```

```
$ ./a.out ↵
```

```
int a, b, c;  
scanf("%d", &a);  
scanf("%d", &b);  
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```

```
$ ./a.out ↵
```

```
50t ↵
```

```
50
```

```
$ ./a.out ↵
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```
50t ↵
```

```
50 1354349328
```

```
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```

```
50t ↵
```

```
int a, b, c;  
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```

```
$ ./a.out ↵
```

```
50t ↵
```

```
50
```

```
$ ./a.out ↵
```

```
50t ↵
```

```
50 1354349328
```

```
$ ./a.out ↵
```

```
50t ↵
```

```
50 1354349328 1442364176
```

```
$
```

```
int a[100], i;
```

\$

```
int a[100], i;  
for(i = 0; scanf("%d", &a[i]); i++)  
    ;
```

\$

```
int a[100], i;  
for(i = 0; scanf("%d", &a[i]); i++)  
    ;  
printf("The numbers are :  \n");
```

\$

```
int a[100], i;  
for(i = 0; scanf("%d", &a[i]); i++)  
    ;  
printf("The numbers are :  \n");  
for (i--; i >= 0; i--)  
    printf("%d\n", a[i]);
```

\$



```
int a[100], i;  
for(i = 0; scanf("%d", &a[i]); i++)  
    ;  
printf("The numbers are :  \n");  
for (i--; i >= 0; i--)  
    printf("%d\n", a[i]);
```

```
$ ./a.out ↵
```

```
int a[100], i;  
for(i = 0; scanf("%d", &a[i]); i++)  
    ;  
printf("The numbers are :  \n");  
for (i--; i >= 0; i--)  
    printf("%d\n", a[i]);
```

```
$ ./a.out ↵
```

```
100 ↵
```

```
int a[100], i;  
for(i = 0; scanf("%d", &a[i]); i++)  
    ;  
printf("The numbers are :  \n");  
for (i--; i >= 0; i--)  
    printf("%d\n", a[i]);
```

```
$ ./a.out ↵  
100 ↵  
-100 ↵
```

```
int a[100], i;  
for(i = 0; scanf("%d", &a[i]); i++)  
    ;  
printf("The numbers are :  \n");  
for (i--; i >= 0; i--)  
    printf("%d\n", a[i]);
```

```
$ ./a.out ↵  
100 ↵  
-100 ↵  
50 ↵
```

```
int a[100], i;  
for(i = 0; scanf("%d", &a[i]); i++)  
    ;  
printf("The numbers are :  \n");  
for (i--; i >= 0; i--)  
    printf("%d\n", a[i]);
```

```
$ ./a.out ↵  
100 ↵  
-100 ↵  
50 ↵  
13 ↵
```

```
int a[100], i;  
for(i = 0; scanf("%d", &a[i]); i++)  
    ;  
printf("The numbers are :  \n");  
for (i--; i >= 0; i--)  
    printf("%d\n", a[i]);
```

```
$ ./a.out ↵  
100 ↵  
-100 ↵  
50 ↵  
13 ↵  
a ↵
```

```
int a[100], i;  
for(i = 0; scanf("%d", &a[i]); i++)  
    ;  
printf("The numbers are :  \n");  
for (i--; i >= 0; i--)  
    printf("%d\n", a[i]);
```

```
$ ./a.out ↵
```

```
100 ↵
```

```
-100 ↵
```

```
50 ↵
```

```
13 ↵
```

```
a ↵
```

```
The numbers are :
```

```
int a[100], i;  
for(i = 0; scanf("%d", &a[i]); i++)  
    ;  
printf("The numbers are :  \n");  
for (i--; i >= 0; i--)  
    printf("%d\n", a[i]);
```

```
$ ./a.out ↵
```

```
100 ↵
```

```
-100 ↵
```

```
50 ↵
```

```
13 ↵
```

```
a ↵
```

```
The numbers are :
```

```
13
```

```
50
```

```
-100
```

```
100
```



*Read Binary string*

### *Read Binary string*

```
char str[20];  
scanf("%[01]s", str);  
printf("%s\n", str);
```

### *Read Binary string*

```
char str[20];  
scanf("%[01]s", str);  
printf("%s\n", str);
```

### *Rules*

`%[01]s` – Read only if you see 0's and 1's.

### *Read Binary string*

```
char str[20];  
scanf("%[01]s", str);  
printf("%s\n", str);
```

### *Rules*

`%[01]s` – Read only if you see 0's and 1's.

`%[abc]s` – Read only if you see a, b, c.

### *Read Binary string*

```
char str[20];  
scanf("%[01]s", str);  
printf("%s\n", str);
```

### *Rules*

- `%[01]s` – Read only if you see 0's and 1's.
- `%[abc]s` – Read only if you see a, b, c.
- `%[0-9]s` – Read only if you digits.

### *Read Binary string*

```
char str[20];  
scanf("%[01]s", str);  
printf("%s\n", str);
```

### *Rules*

`%[01]s` – Read only if you see 0's and 1's.

`%[abc]s` – Read only if you see a, b, c.

`%[0-9]s` – Read only if you digits.

<code>[...]</code>	read till these characters are found
<code>[^...]</code>	read till these characters are not found

### *Task*

Take date as input in the following format and do not store the month.

01 Apr 2016

### *Task*

Take date as input in the following format and do not store the month.

01 Apr 2016

### *Solution*

```
scanf("%d %d", &a, &b);  
print("%d %d\n", a, b);
```



### *Task*

Take date as input in the following format and do not store the month.

01 Apr 2016

### *Solution*

```
scanf("%d %*s %d", &a, &b);  
print("%d %d\n", a, b);
```

### *Task*

Take date as input in the following format and do not store the month.

01 Apr 2016

### *Solution*

```
scanf("%d %*s %d", &a, &b);  
print("%d %d\n", a, b);
```

```
$ ./a.out ↵
```

### *Task*

Take date as input in the following format and do not store the month.

01 Apr 2016

### *Solution*

```
scanf("%d %*s %d", &a, &b);  
print("%d %d\n", a, b);
```

```
$ ./a.out ↵  
01 Mar 2016 ↵
```

### *Task*

Take date as input in the following format and do not store the month.

01 Apr 2016

### *Solution*

```
scanf("%d %*s %d", &a, &b);  
print("%d %d\n", a, b);
```

```
$ ./a.out ↵  
01 Mar 2016 ↵  
1 2016  
$
```

### *Task*

Take date as input in the following format and do not store the month.

01 Apr 2016

### *Solution*

```
scanf("%d %*s %d", &a, &b);  
print("%d %d\n", a, b);
```

```
$ ./a.out ↵  
01 Mar 2016 ↵  
1 2016  
$
```

### *Rule*

Read the desired input, but do not store.

### *Task*

Take date as input in the following format and do not store the month.

01 Apr 2016

### *Solution*

```
scanf("%d %*d %d", &a, &b);  
print("%d %d\n", a, b);
```

```
$ ./a.out ↵  
01 Mar 2016 ↵  
1 2016  
$
```

### *Rule*

Read the desired input, but do not store.

### *Task*

Take date as input in the following format and do not store the month.

01 Apr 2016

### *Solution*

```
scanf("%d %*f %d", &a, &b);  
print("%d %d\n", a, b);
```

```
$ ./a.out ↵  
01 Mar 2016 ↵  
1 2016  
$
```

### *Rule*

Read the desired input, but do not store.

*Another way to read character*

```
scanf("%*[\t\n]%c", &c);  
printf("Character is :  %c\n", c);
```



*Another way to read character*

```
scanf("%*[\t\n]%c", &c);  
printf("Character is : %c\n", c);
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*Another way to read character*

```
scanf("%*[\t\n]%c", &c);  
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```
scanf("%*[\t\n]%c", &c);  
printf("Character is : %c\n", c);
```

```
$ ./a.out ↵
```

*Another way to read character*

```
scanf("%*[\t\n]%c", &c);  
printf("Character is : %c\n", c);
```

```
$ ./a.out ↵
```

```
↵
```

*Another way to read character*

```
scanf("%*[\t\n]%c", &c);  
printf("Character is : %c\n", c);
```

```
$ ./a.out ↵
```

```
↵
```

```
↵
```

*Another way to read character*

```
scanf("%*[ \t\n]%c", &c);  
printf("Character is :  %c\n", c);
```

```
$ ./a.out ↵
```

```
↵
```

```
↵
```

```
y ↵
```

### *Another way to read character*

```
scanf("%*[ \t\n]%c", &c);  
printf("Character is :  %c\n", c);
```

```
$ ./a.out ↵
```

```
↵
```

```
↵
```

```
y ↵
```

```
Character is :  y
```

```
$
```