

General G format specifier is used to output any type determines how the O silence by their own rules for the respective types of data:

nGk.m.

For input-output logic values (such LOGICAL) applies specifier L:

nLm

For specifiers L may enter or withdraw only logical value .TRUE. or .FALSE. (or reduction).

For O character values (type CHARACTER) is used specifier A:

nAm,

where n - repeater; m - number of positions is reserved for symbolic value (number of characters).

Example.

```
CHARACTER * 10 W
```

```
W = '*** ** Tanya'
```

```
WRITE (*, 10) W
```

```
10 FORMAT (A10)
```

H format specifier is used to output the so-called holirytovyh data displays n characters that follow the H:

nH

Example.

```
WRITE (*, 10) A
```

```
10 FORMAT (22H *** outputs A =, F8.2)
```

In the example used specifiers A and F.

Using input-output formatted, it is necessary to take into account the following rules:

- The type of data that is entered or the output format specification must meet for it;
- The number of list items O should be equal to the number of repetitive format specifiers;

- If the right output specifier be given more than necessary, the withdrawal pressed to right field. Left free positions filled with blanks;
- If the number of positions that are marked specifiers, less necessary for the complete withdrawal of value, the value is reduced with the loss of accuracy (without rounding), but without losing significance.
- If a reserved field can not put a value on the loss of precision, but without losing significance, the field is filled with asterisks (\*\*\*)

Example.

According to the type, number and position of features fomatovanocho withdrawal choose the minimum necessary to preserve the accuracy of the format specifier values: 68.3; -155.12; 0,22 · 10<sup>-6</sup>; 133; 'Shut Down'.

We reduce to Table. 2.8 results of selection.

Table 2.8. The results of the selection format specifiers

Value	Type	specifier
68.3	REAL	F4.1
-155.12	REAL	F7.2
.22E-6	REAL	E9.2
133	INTEGER	I3
'Shut Down'	CHARACTER*15	A15