1)What is the range to store float and double?

In Java, data types specify the size and type of values. It is used to store the floating values of an identifier. Data types are classified into two categories, **primitive** and **non-primitive.** Primitive data type includes all the predefined data types such as **Integer, Character, Boolean, Floating-Point**, etc. while the non-primitive data-type includes user-defined data types such as **Classes, Arrays,** and **Interfaces,** etc. Both **float** and **double** data types store floating values but still, they are different. In this section, we will learn the **differences between float and double datatype in Java.**

There are two types of Floating-Point data types:

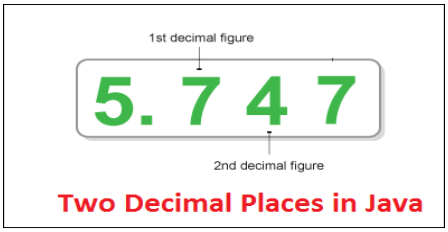
- float Data Type
- double Data Type

Both, float and double represents the floating-point numbers that store the decimal values.

Floating Point Data Type	Values	Size (bits) *	Storage Requirement (bytes)	Default Digits	Precision	Decimal Digits	Range	Accuranc y
float	IEEE 754 Floating Point	32	4	0.0f	Single	6 decimal Digits	3.4e-038 to 3.4e+038	Low
double	IEEE 754 Floating Point	64	8	0.0d	Double	15 decimal digits	1.7e-308 to 1.7e+308	High

2)How many digits after the decimal Point?

In Java, when we use a double data type before a variable it represents 15 digits after the decimal point. But sometimes we require only two decimal places after decimal points like to represent rupees and other units.



3)How to change the Eclipse theme to Dark?

Step-1: Open the eclipse.

Step-2: In the taskbar, you have a window option in that click on prefrences.

Step=3: In that select General, in general select Appreance.

Step-4: There we get a option Theme, in that select Dark theme.

Step-5: Then Apply and close.

Step-6: We get a new windon asking that restart the eclipse or don’t restart.

Step-7: Click on restart.

Step-8: Now it opens a eclipse with dark theme.