

Free Coding Notes
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What is Array



code__buddy__
Ganesh Kokate



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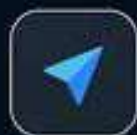


When I ask you to **store roll no ...**
What you will do ?



```
int a = 10;
```

Very Easy 😊



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What if I ask you to **store roll no of 500 students...**
What you will do ?

We can create 500 variables
But its very worst Approach

Here is the solution 🥰



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An array is a **collection of similar data elements** stored at **contiguous memory locations**. It is the simplest data structure where each data element can be **accessed directly by only using its index number**.





How to Create Array ?



```
int[] roll = {10, 20, 30, 40, 50};
```





Arrays are used to **store multiple values in a single variable**, instead of declaring separate variables for each value.

arr

1	2	3	4	5
---	---	---	---	---





Array Length



```
int[] roll = {10,20,30,40,50};  
System.out.println(roll.length);
```

