

Java Array Assignment -1

```
int[] prices={199,129,98,78,11,171,1055};
```

Iterate array - prices and print all product price

using

1.for loop

2.while loop

3.do-while loop

4.forEach

5.Iterate prices and print all product prices below 400?

6.Create new array

prod_Prices based on existing array prices.

```
int[] prices={199,129,98,78,11,171,1055};
```

1. Print all prices using a simple for loop.
2. Print only prices greater than 100.
3. Count how many prices are below 100.
4. Find the first price greater than 500 using break.
5. Skip prices that are less than 50 using continue.
6. Find the maximum price in the array.
7. Find the minimum price in the array.
8. Sum all prices in the array.
9. Print prices located at even index positions.
10. Print only odd-number prices.
11. Display 'High Price' if price > 200 else 'Low Price'.
12. Search for a user-given price; stop using break when found.
13. Print prices until a value less than 50 appears (use break).

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14. Print only the first 3 prices.
15. Reverse print the array without built-in functions.
16. Count how many prices are divisible by 3.
17. Skip the highest price using continue.
18. Print index and value of each price.
19. Multiply each price by 10 and print results.
20. Keep summing prices until sum exceeds 500 (use break).