

TypeScript Task Outputs

1

```
PS C:\Users\jalig\Downloads\2025-02-26\TypeScript> node Task01.js  
Hello, my name is Rishitha and I am 21 years old.
```

2

```
5  
Hello  
false
```

3

```
Sum: 40  
Concatenated String: Hello world!  
Logical AND: true  
undefinedVariable is undefined.
```

4

```
n = 42
```

5

```
Type of temp: number  
temp: 100
```

6

```
Type of the variable before type assertion: string  
Type of the variable after type assertion: number  
Number from assertion: 100
```

7

```
Student-1 Details:  
Student ID: 1  
Studentname: xyz  
Email: xyz@gmail.com
```

```
Student-2 Details:  
Student ID: 2  
Studentname: abc  
Email: abc@gmail.com
```

8

```
After push: [ 'Red', 'Green', 'Blue', 'Orange', 'White' ]  
After inserting at index 2: [ 'Red', 'Green', 'Yellow', 'Blue', 'Orange', 'White' ]  
After inserting at index 2: [ 'Red', 'Green', 'Yellow', 'Blue', 'Orange', 'White' ]  
  
After pop: [ 'Red', 'Green', 'Yellow', 'Blue', 'Orange' ]  
After deleting element at index 3: [ 'Red', 'Green', 'Yellow', 'Orange' ]  
  
Iterating through the Array:  
Red  
Green  
Yellow  
Orange
```

9

```
List of colors: {  
  '0': 'Red',  
  '1': 'Green',  
  '2': 'White',  
  '3': 'Blue',  
  Red: 0,  
  Green: 1,  
  White: 2,  
  Blue: 3  
}  
  
Selected Color: 1
```

10

```
isNull: null  
isUndefined: undefined
```

TypeScript OOPs Task Outputs

1

```
Bus { make: 'Mercedes', model: 'Sprinter', year: 2022 }
```

2

```
The Volvo B7R is starting.
```

3

```
The Jeep Wrangler is now not off-road capable.
```

4

```
The Toyota Camry is starting.  
Car1: Toyota Camry, Year: 2023, Engine: 300 HP, Fuel: Petrol
```

5

```
PS C:\Users\jalig\Downloads\2025-02-26\TypeScript_OOPs> node Task05.js  
Student Name: Rishitha, Class: B.Tech
```

6

```
PS C:\Users\jalig\Downloads\2025-02-26\TypeScript_OOPs> T  
Student2 { name: 'Rishitha', rollNumber: 54 }  
Student2 { name: 'Anu' }  
PS C:\Users\jalig\Downloads\2025-02-26\TypeScript_OOPs>
```

7

```
Circle { color: 'Red', radius: 10 }
```

1

8

```
PS C:\Users\jalig\Downloads\2025-02-26\TypeScript_OOPs>
Student4 { name: 'Rishitha', age: 20 }
Student4 { name: 'Anu', age: 0 }
```

9

```
Tiger { name: 'Sheru', species: 'Bengal Tiger' }
Sheru the tiger is roaring!
```

10

```
PS C:\Users\jalig\Downloads\2025-02-26\TypeScript_OOPs> node Task10.js
Employee { name: 'Rishitha', age: 21, employeeId: 54 }
```

11

```
Drawing a circle of color Blue.
```

12

```
SportsCar { make: 'Ferrari', model: '488 Spider' }
```