# TypeScript Task Outputs

1)

```
Hello, my name is Nithish 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)

```
Student Name: Nithish, Class: B.Tech
```

6)

```
Student2 { name: 'Nithish', rollNumber: 101 }
Student2 { name: 'Sam' }
```

7)

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

8)

```
Student4 { name: 'Nithish', age: 20 }
Student4 { name: 'Sam', age: 0 }
```

9)

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

10)

```
Employee { name: 'Nithish', age: 20, employeeId: 101 }
```

11)

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

12)

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