```typescript
//question1
let favoritemovie: string = "azadi";
console.log(favoritemovie);
//question2
let myname: string = "saba";
let age: number = 23;
let introduction: string = `hello, my name is ${myname} and i am ${age} year old`;
console.log(introduction);
//question3
const isexcited: boolean = true;
console.log(isexcited);
//question4
let firstname: string = "saba";
let lastname: string = "mushtaq ahmad";
let fullname: string = `${firstname} ${lastname}`;
console.log(fullname);
//question5
let userage: number = 23;
console.log(userage);
//question6
let productname: string = "book";
let productprice: number = 800;
let productdetails: string = `product: ${productname} price: ${productprice}`;
console.log(productdetails);
//question7
let numberofpets: number = 3;
console.log(numberofpets);
//question8
let birthdaytoday: boolean = true;
```

```typescript
console.log(numberofpets);
//question8
let birthdaytoday: boolean = true;
console.log(birthdaytoday);
//question9
let userfirstname: string = "saba";
let userlastname: string = "mushtaq";
let AGE: number = 23;
let userinfo: string = `firstname:${userfirstname} lastname: ${userlastname} AGE: ${userage}`
console.log(userinfo);
//question10
const birthyear: number = 2001;
console.log(birthyear);
//question11
let city: string = "sheikhupura";
let country: string = "pakistan";
let fulladdress: string = `city: ${city} country: ${country}`;
console.log(fulladdress);
//question12
let temperature: number = 23;
console.log(temperature);
```

```
D:\assignment\assingnment>tsc

D:\assignment\assingnment>node index.js
azadi
hello, my name is saba and i am 23 year old
true
saba mushtaq ahmad
23
product: book price: 800
3
true
firstname:saba lastname: mushtaq AGE: 23
2001
city: sheikhupura country: pakistan
23

D:\assignment\assingnment>
```

cmd
cmd
cmd