**Q4.** What is promise chaining? Explain with an example.
A4: Promise chaining is useful when we have to handle more than one asynchronous task, one after another. We can use then(), catch() and finally() operation after a promise.

Consider below example
```
let prms = new Promise((res, rej) => {
   setTimeout(() => {
      res(10);
   }, 3 * 100);
});

prms.then((result) => {
   console.log(result);
   return result * 2;
}).then((result) => {
   console.log(result);
   return result * 3;
});
```

In above example, we created a new promise that resolves a number after 3 seconds. The callback is then passed to the then() method that is executed once the promise is resolved. The first then chained to the promise prms, will simply print the resolved number by the promise, where as the second then() method that is chained to the previous then() method will print 20 as output since the resolved number is doubled by the previous then() function.