```
TASK 36:
<!DOCTYPE html>
<html>
<head>
<meta charset ="UTF-8">
<meta name : "viewport" content="width+device width,initial-scale=1.0">
</head>
<body>
<script>
let number=prompt("enter n1");
if (number \% 2 == 0) {
  console.log("The number is even.");
  console.log("The number is odd.");
</script>
</body>
</html>
OUTPUT:
    The number is even.
                                                                       in!.html:11
TASK 37:
<!DOCTYPE html>
<html>
<head>
<meta charset ="UTF-8">
<meta name : "viewport" content="width+device width,initial-scale=1.0">
</head>
<body>
<script>
let number=-9;
if (number > 0) {
  console.log("The number is positive.");
} else {
  if (number < 0) {
   console.log("The number is negative.");
   console.log("The number is zero.");
</script>
</body>
</html>
```

OUTPUT:

```
Default levels ▼
                                                                No Issues
   The number is negative.
                                                                in!.html:14
TASK 38:
<!DOCTYPE html>
<html>
<head>
<meta charset ="UTF-8">
<meta name : "viewport" content="width+device width,initial-scale=1.0">
</head>
<body>
<script>
let v=6;
let n=7;
console.log(((v||u)==8)? "equal": "notequal");
</script>
</body>
</html>
</script>
</body>
```

OUTPUT:

</html>

```
Default levels ▼ No Issues | Interpretation

notequal

notequal

notequal
```

```
TASK 39:
<!DOCTYPE html>
<html>
<head>
<meta charset ="UTF-8">
<meta name : "viewport" content="width+device width,initial-scale=1.0">
</head>
<body>
<script>
let variable = null;
console.log((variable == null || variable != undefined) ? "Valid variable" : "Invalid variable");
console.log((typeof variable == null) ? "Valid" : "Invalid");
</script>
</body>
</html>
</script>
</body>
```

</html>

OUTPUT:

```
Valid variable
in!.html:10

Invalid
in!.html:11
```

TASK 40:

```
<!DOCTYPE html>
<html>
<head>
<meta charset ="UTF-8">
<meta name : "viewport" content="width+device_width,initial-scale=1.0">
</head>
<body>
<script>
let age =+prompt("age");
let res=(age >= 18)? "eligible": "not eligible";
console.log(res);
</script>
</body>
</html>
</script>
</body>
</html>
```

OUTPUT:

