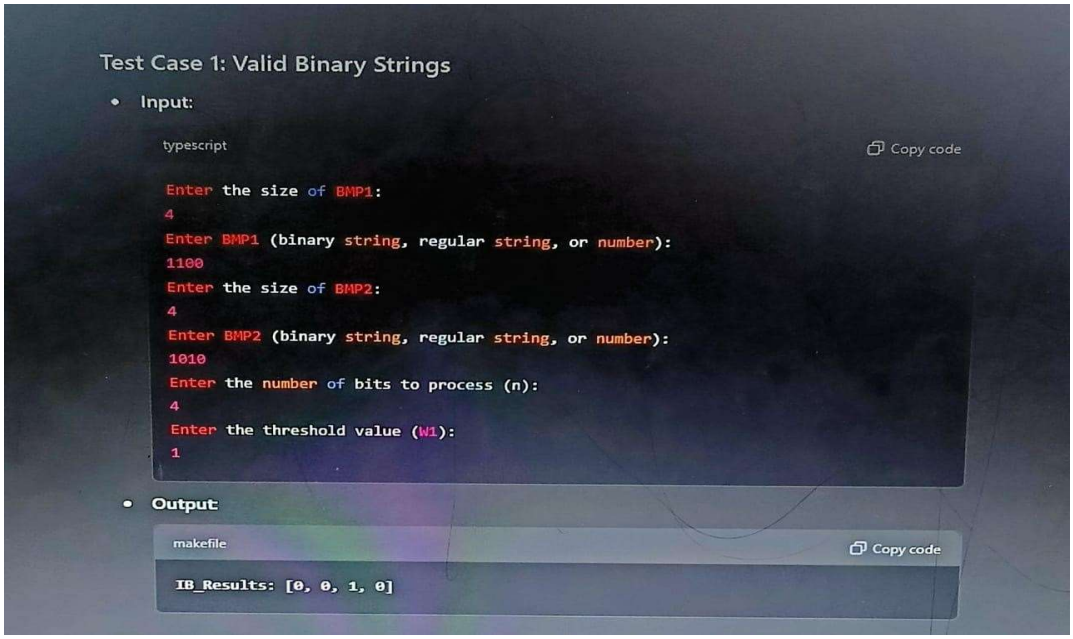
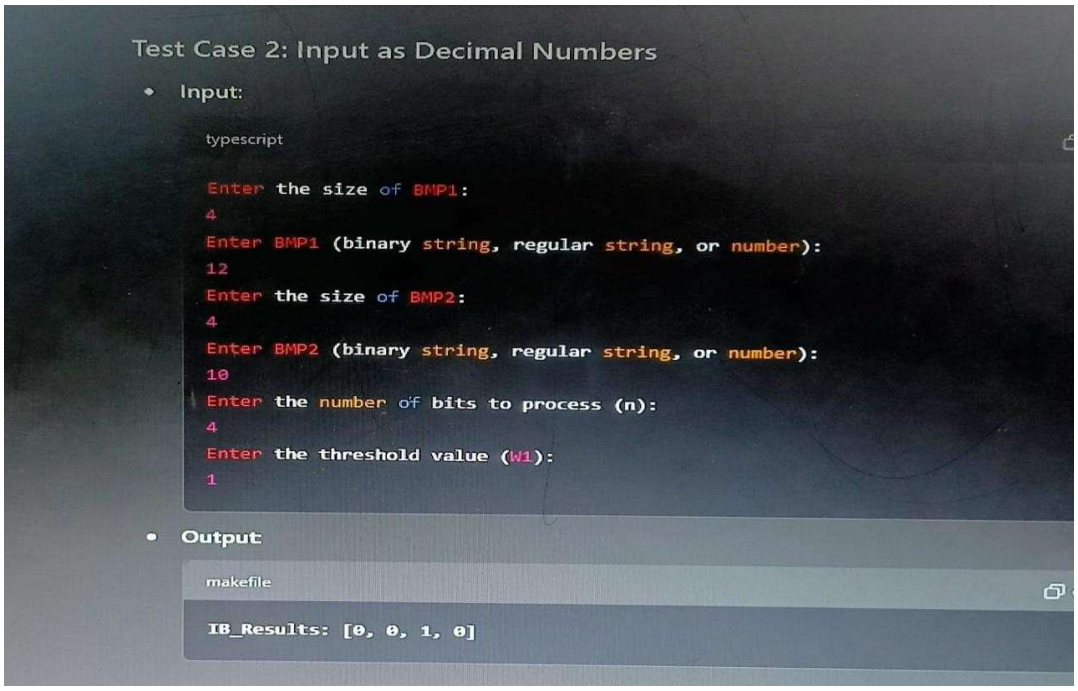
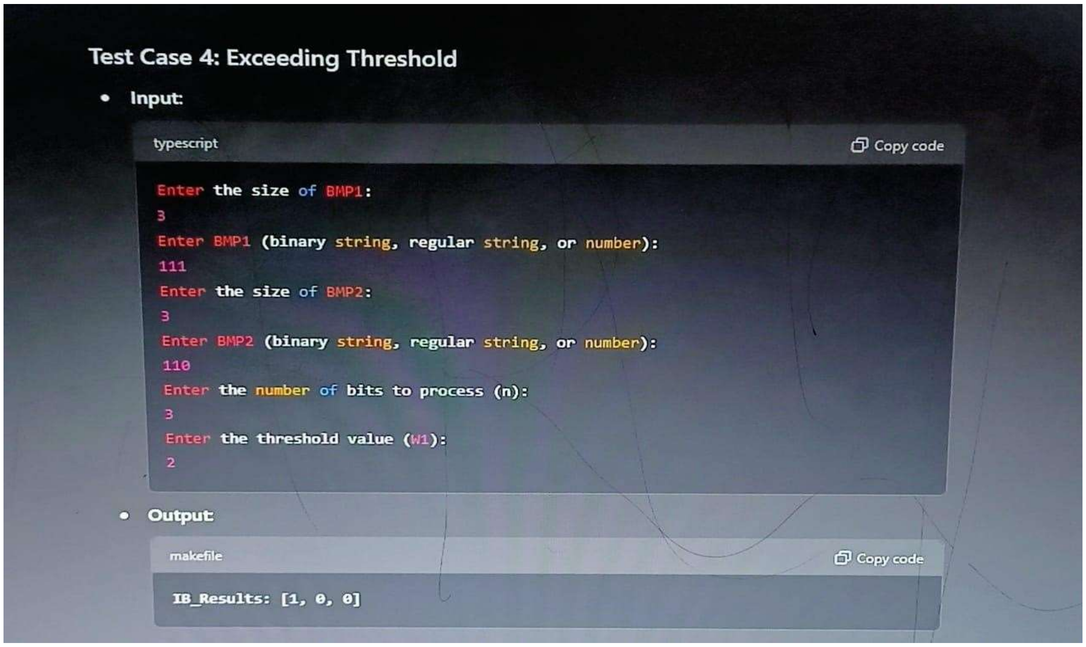
CHAPTER 8
RESULTS AND DISCUSSIONS







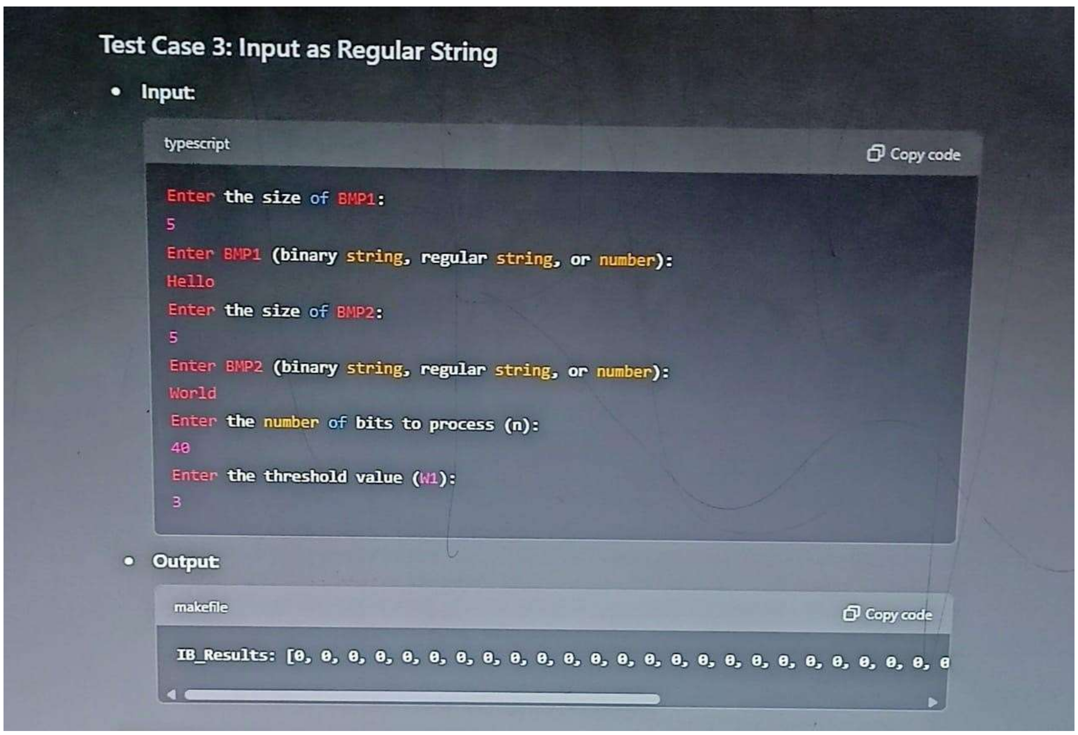
Test Case 4: Exceeding Threshold

- **Input:**

```typescript
Enter the size of BMP1:
3
Enter BMP1 (binary string, regular string, or number):
111
Enter the size of BMP2:
3
Enter BMP2 (binary string, regular string, or number):
110
Enter the number of bits to process (n):
3
Enter the threshold value (W1):
2
```

- **Output:**

```makefile
IB_Results: [1, 0, 0]
```



Test Case 3: Input as Regular String

- **Input:**

```typescript
Enter the size of BMP1:
5
Enter BMP1 (binary string, regular string, or number):
Hello
Enter the size of BMP2:
5
Enter BMP2 (binary string, regular string, or number):
World
Enter the number of bits to process (n):
40
Enter the threshold value (W1):
3
```

- **Output:**

```makefile
IB_Results: [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
```

Test Case 5: All Zeros

- **Input:**

typescript Copy code

```
Enter the size of BMP1:
4
Enter BMP1 (binary string, regular string, or number):
0000
Enter the size of BMP2:
4
Enter BMP2 (binary string, regular string, or number):
0000
Enter the number of bits to process (n):
4
Enter the threshold value (W1):
0
```

- **Output:**

makefile Copy code

```
IB_Results: []
```

Test Case 6: Invalid Input Handling

- **Input:**

typescript Copy code

```
Enter the size of BMP1:
4
Enter BMP1 (binary string, regular string, or number):
12a
Enter the size of BMP2:
4
Enter BMP2 (binary string, regular string, or number):
1010
Enter the number of bits to process (n):
4
Enter the threshold value (W1):
1
```

- **Output:**

typescript Copy code

```
Error: Invalid input: Must be a binary string, a regular string, or a number.
```