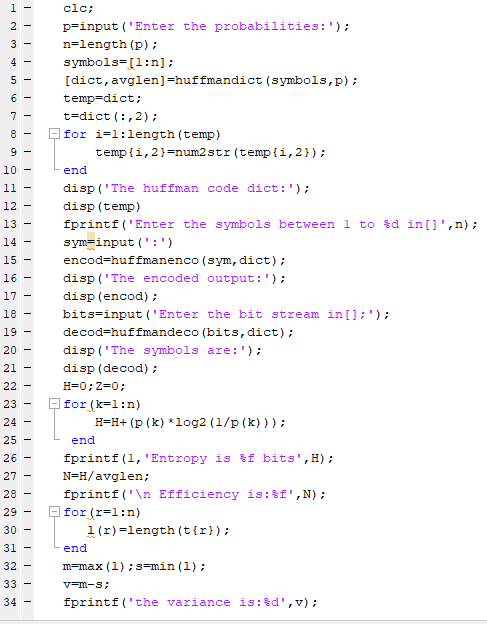
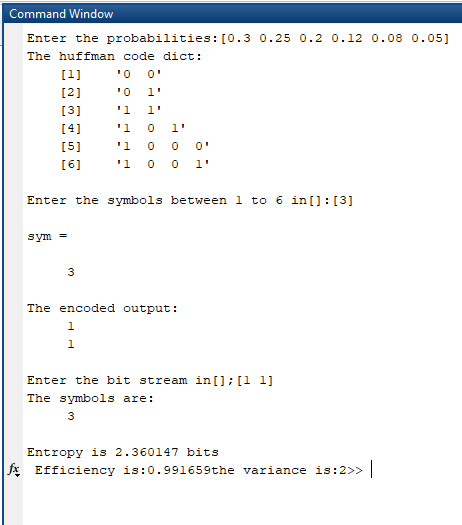
**Code:**

****

**Output:**

****