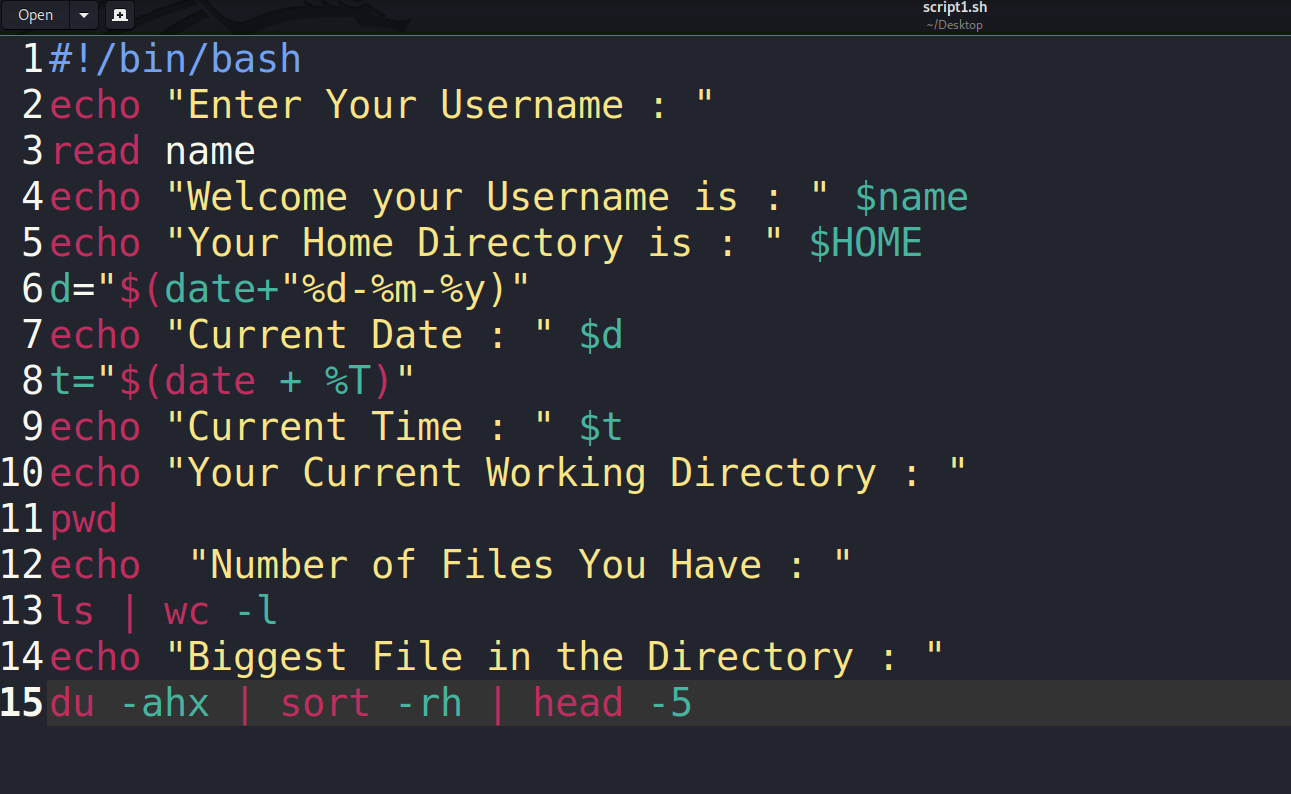
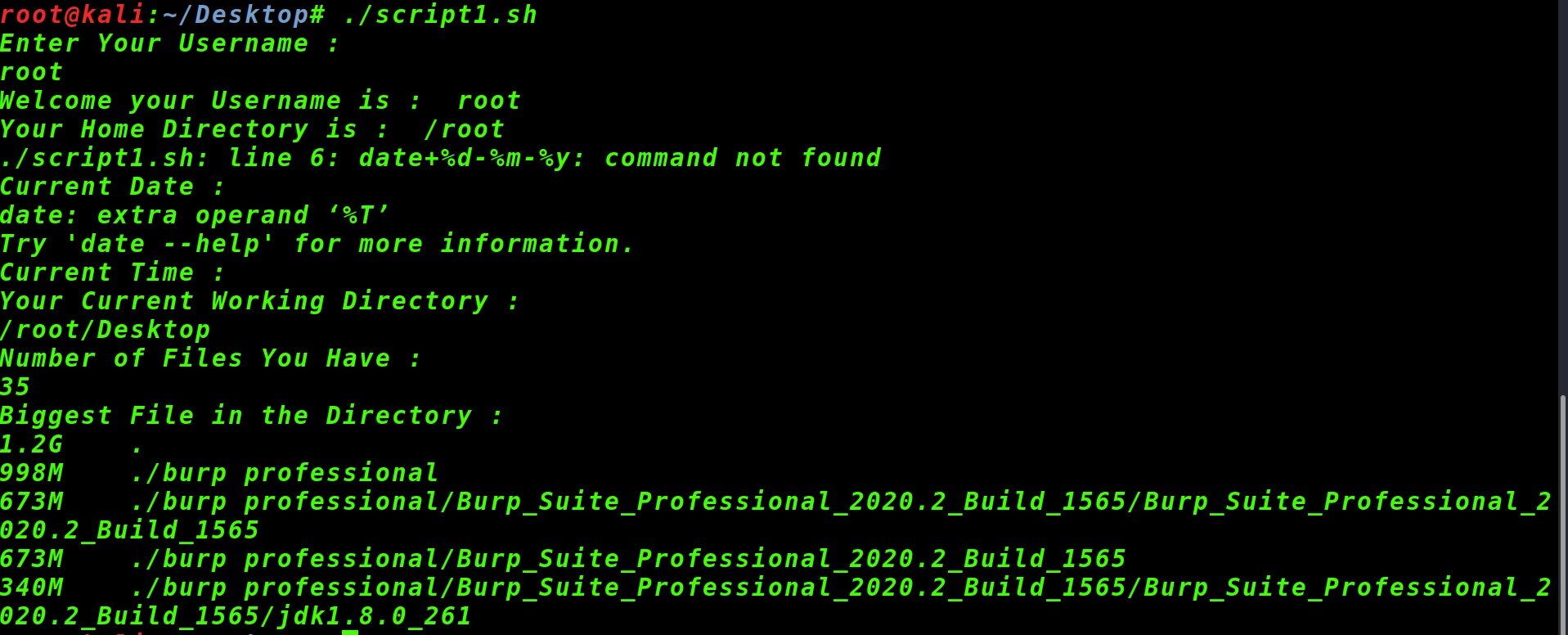
**Question 1:**

**Code :**

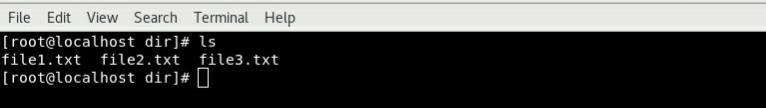


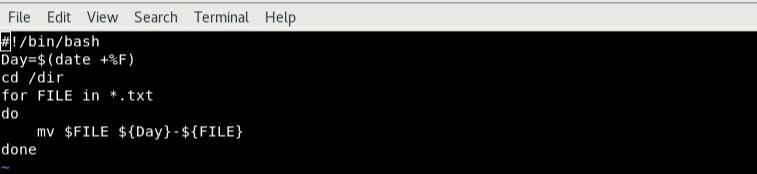
**Output:**

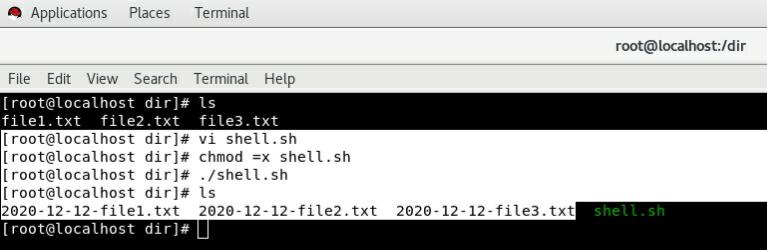
****

**Question 2:**

**Code :**



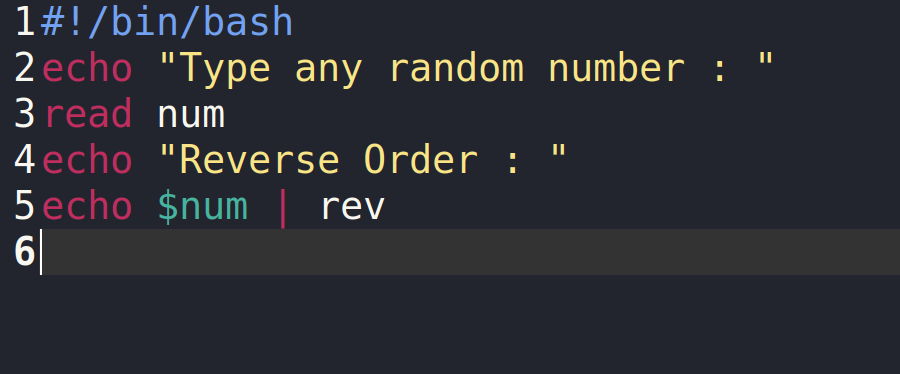




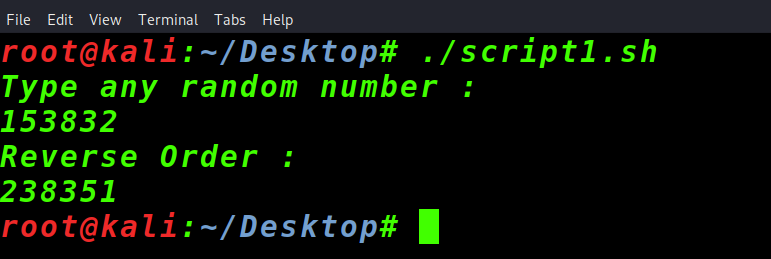
**Output :**

**Question3 :**

**Code :**

****

**Output :**

****

**Question 4 :**

**Code :**