

ANS:

Figure 1

Figure 3

Figure 2

Figure 4

Output:

Compiler

```
String name = "Aqib khan";int registratioNumber = 037;String city = " Nowshera";
```

Scan

Semantic Analyzer

Memory

Reset

```
String -> Variable  
  
name -> Variable  
  
= -> Symbol  
  
"Aqib -> Error  
  
khan";int -> Error
```