Output 15

```
PS C:\Users\priya\OneDrive\Documents\GEHU\sem 6\compiler design\dfa\first_a__b> ./a.exe
ab
Valid string.
asguxv
Invalid string.
abab
Valid string.
aba
Invalid string.
aaab
Valid string.
aaaaaa
Invalid string.
abbbabbabbab
Valid string.
ab
Valid string.
ba
Invalid string.
baabababba
Invalid string.
bbb
Invalid string.
aa
Invalid string.
```

Output 14

```
PS C:\Users\priya\OneDrive\Documents\GEHU\sem 6\compiler design\dfa\int-float> ./a.exe
Enter a sting: 23786
Integer
iuhacg823
identifier
23d6g233
Invalid String
32.23
Float
.23
Float
yagycu
identifier

Please enter a string.
```

Output 13

```
PS C:\Users\priya\OneDrive\Documents\GEHU\sem 6\compiler design\dfa\even_a_b> ./a.exe
Enter a string : abba
accepted
aaaa
accepted
abaa
not accepted
aab
not accepted
baba
accepted
bbbbaa
accepted
asbyuvc
Invalid input

accepted
baba
accepted
```

Output 12

```
PS C:\Users\priya\OneDrive\Documents\GEHU\sem 6\compiler design\email> ./a.exe
Enter Email: priaysvjch.23@gmail.com
priaysvjch.23@gmail.com is Valid Email Id
aucv@kcc.ac.in
aucv@kcc.ac.in is Valid Email Id
218675ncbja@gmail.com
218675ncbja@gmail.com is Valid Email Id
.cgyu@gmial.com
Invalid Email Id
```

Output 11

Input.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <p>This is paragraph</p>
    <b>bold tag</b>
</body>
</html>
```

Output.txt

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>
</title>
</head>
<body>
<p>
</p>
<b>
</b>
</body>
</html>
```