STRING METHODS IN DART PROGRAMMING LANGUAGE

OUTPUT OF EACH METHOD:

1. **toLowerCase();**

```
Run | Debug
1  void main(List<String> args) {
2    String myName = "Sarmad Rehan";
3    print(myName.toLowerCase());
4  }
5
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
sarmad rehan
Exited
```

2. **toUpperCase();**

```
Run | Debug
1  void main(List<String> args) {
2    String myName = "Sarmad Rehan";
3    print(myName.toUpperCase());
4  }
5
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
SARMAD REHAN

Exited
```

STRING METHODS IN DART PROGRAMMING LANGUAGE

3. **split();**

```
Run | Debug
1   void main(List<String> args) {
2     String myName = "Sarmad Rehan";
3     print(myName.split(' '));
4   }
5
```

```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL
[Sarmad, Rehan]
Exited
```

4. **splitMapJoin();**

```
Run | Debug
1   void main(List<String> args) {
2     String myName = 'Sarmad Rehan';
3
4     print(myName.splitMapJoin(RegExp(r'[A-Z]'),
5         onMatch: (m) => '[${m.group(0)}]',
6         onNonMatch: (n) => '${n.substring(0)}'));
7   }
8
```

```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL
[S]armad [R]ehan
Exited
```

STRING METHODS IN DART PROGRAMMING LANGUAGE

5. **substring();**

```
Run | Debug
1  void main(List<String> args) {
2    String myName = 'Sarmad Rehan';
3    print(myName);
4    print(myName.substring(7));
5  }
6
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
Sarmad Rehan
Rehan
Exited
```

6. **startsWith();**

```
Run | Debug
1  void main(List<String> args) {
2    String myName = 'Sarmad Rehan';
3    print(myName.startsWith('S'));
4  }
5
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
true
Exited
```

STRING METHODS IN DART PROGRAMMING LANGUAGE

7. **endsWith();**

8. **contains();**

STRING METHODS IN DART PROGRAMMING LANGUAGE

9. compareTo();

NOTE

// 1 indicates first input is less than second

// 0 indicates both inputs are equal

// -1 indicates second input is greater than first.

```
Run | Debug
1  void main(List<String> args) {
2    String firstName = 'Sarmad';
3    String lastName = 'Rehan';
4
5    print(firstName.compareTo(lastName));
6  }
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
1
Exited
```

10. codeUnitAt();

```
Run | Debug
1  void main(List<String> args) {
2    String myName = 'Sarmad Rehan';
3    print(myName.codeUnitAt(0));
4  }
5
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
83
Exited
```

STRING METHODS IN DART PROGRAMMING LANGUAGE

11. indexOf();

12. lastIndexOf();

STRING METHODS IN DART PROGRAMMING LANGUAGE

13. replaceFirstMapped();

```
Run | Debug
1  void main(List<String> args) {
2    String myName = "Sarmad Rehan";
3    print(myName.replaceFirstMapped("Rehan", (match) => "Sarmad"));
4  }
5
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
Sarmad Sarmad
Exited
```

14. replaceAllMapped();

```
Run | Debug
1  void main(List<String> args) {
2    String myName = 'Sarmad Rehan';
3    print(myName);
4    print(myName.replaceAllMapped("Rehan", (match) => "REHAN"));
5  }
6
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
Sarmad Rehan
Sarmad REHAN
Exited
```

STRING METHODS IN DART PROGRAMMING LANGUAGE

15. replaceAll();

```
Run | Debug
1  void main(List<String> args) {
2    String myName = 'Sarmad Rehan';
3    print(myName);
4    print(myName.replaceAll("Sarmad Rehan", "SARMAD REHAN"));
5  }
6
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
Sarmad Rehan
SARMAD REHAN
Exited
```

16. replaceFirst();

```
Run | Debug
1  void main(List<String> args) {
2    String myName = 'Sarmad Rehan';
3    print(myName.replaceFirst('a', 'A'));
4  }
5
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
SArmad Rehan
Exited
```

STRING METHODS IN DART PROGRAMMING LANGUAGE

17. replaceRange();

```
Run | Debug
1  void main(List<String> args) {
2    String myName = 'Sarmad Rehan';
3    print(myName);
4    print(myName.replaceRange(0, 6, "SARMAD"));
5  }
6
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
Sarmad Rehan
SARMAD Rehan
Exited
```

18. allMatches();

```
Run | Debug
1  void main(List<String> args) {
2    String numbers = 'The numbers =  98765 , 4321 and 0123456789';
3    final iReg = RegExp(r'(\d+)');
4    print(iReg.allMatches(numbers).map((m) => m.group(0)).join(' '));
5  }
6
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
98765 4321 0123456789
Exited
```

STRING METHODS IN DART PROGRAMMING LANGUAGE

19. trimRight();

```
Run | Debug
1  void main(List<String> args) {
2    String myName = '\nSarmad Rehan\n';
3    print("[1] The String before trim $myName");
4    print("[2] The String After Left trim ${myName.trimLeft()}");
5    print("[3] The String After Right trim ${myName.trimRight()}");
6    print("[4] The String After trim ${myName.trim()}");
7  }
8
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
[1] The String before trim
Sarmad Rehan

[2] The String After Left trim Sarmad Rehan

[3] The String After Right trim
Sarmad Rehan
[4] The String After trim Sarmad Rehan
Exited
```

20. trimLeft();

```
Run | Debug
1  void main(List<String> args) {
2    String myName = '\nSarmad Rehan\n';
3    print("[1] The String before trim $myName");
4    print("[2] The String After Left trim ${myName.trimLeft()}");
5    print("[3] The String After Right trim ${myName.trimRight()}");
6    print("[4] The String After trim ${myName.trim()}");
7  }
8
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
[1] The String before trim
Sarmad Rehan

[2] The String After Left trim Sarmad Rehan

[3] The String After Right trim
Sarmad Rehan
[4] The String After trim Sarmad Rehan
Exited
```

STRING METHODS IN DART PROGRAMMING LANGUAGE

21. trim();

```dart
void main(List<String> args) {
  String myName = '\nSarmad Rehan\n';
  print("[1] The String before trim $myName");
  print("[2] The String After Left trim ${myName.trimLeft()}");
  print("[3] The String After Right trim ${myName.trimRight()}");
  print("[4] The String After trim ${myName.trim()}");
}
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
[1] The String before trim

Sarmad Rehan

[2] The String After Left trim Sarmad Rehan

[3] The String After Right trim
Sarmad Rehan
[4] The String After trim Sarmad Rehan
Exited
```

22. padRight();

```dart
Run | Debug
void main(List<String> args) {
  String myName = 'Sarmad';
  print(myName.padRight(7, " Rehan"));
}
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
Sarmad Rehan
Exited
```

STRING METHODS IN DART PROGRAMMING LANGUAGE

23. padLeft();

```
Run | Debug
1  void main(List<String> args) {
2    String myName = ' Rehan';
3    print(myName.padLeft(7, "Sarmad"));
4  }
5
```

```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL
Sarmad Rehan
Exited
```

24. matchAsPrefix();

```
Run | Debug
1  void main(List<String> args) {
2    String myName = 'Sarmad Rehan';
3    String prefix = 'Sar';
4    print(prefix.matchAsPrefix('$myName')?.pattern);
5  }
6
```

```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL
Sar
Exited
```