

Strings In Objective- C

```
//ClassName *variableName = @"Sample String"
```

```
NSString * sampleText = @"samPle StrinG";  
NSLog(@"print String Value %@",sampleText);
```

```
//0 = s  
//1 = a  
//2 = m  
//3 =
```

//Strings Operations

```
//CharacterAtIndex:
```

```
unichar character = [sampleText characterAtIndex:6];//terminating app due to uncaught  
exception 'NSRangeException', reason: '-[__NSCFConstantString characterAtIndex:]: Range  
or index out of bounds'
```

```
NSLog(@"print the character %c",character);
```

```
//String Length
```

```
NSUInteger length = [sampleText length];
```

```
NSLog(@"print the lenght %lu",(unsigned long)length);
```

```
//Capitalised String
```

```
NSString *capitalizedString = [sampleText capitalizedString];
```

```
NSLog(@"print the capitalized string %@",capitalizedString);
```

```
//Upper Case String
```

```
NSString *upperCaseString = [sampleText uppercaseString];
```

```
NSLog(@"print the upperCaseString string %@",upperCaseString);
```

```
//LowerCase String
```

```
NSString *lowerCaseStr = [sampleText lowercaseString];
```

```
NSLog(@"print the lowerCase string %@",lowerCaseStr);
```

//AppendString

```
NSString *appendString = [uppercaseString stringByAppendingString:lowerCaseStr];  
NSLog(@"print AppendString %@",appendString);
```

//HasPrefix

```
BOOL hasPrefix = [sampleText hasPrefix:@"s"];  
  
if (hasPrefix) {  
    NSLog(@"sample string prefix is s");  
}else{  
  
}
```

//HasSuffix

```
BOOL hasSuffix = [sampleText hasSuffix:@"G"];  
if (hasSuffix) {  
  
    NSLog(@"sample string hasSuffix is G");  
  
}else{  
  
}
```

//isEqualString

```
NSString *firstName = @" Objective abc osfoisiof oijewo ";  
NSString *lastName = @"objective";  
  
if ([firstName isEqualToString:lastName]) {  
  
    NSLog(@"First name and LastName equal");  
}
```

```
//YES ,yes
```

```
if ([firstName caseInsensitiveCompare:lastName] == NSOrderedSame) {  
    NSLog(@"First name and LastName equal");  
  
}else{  
  
}
```

//Contain String

```
if ([firstName containsString:@"abc"]) {  
    NSLog(@"firstName contains abc");  
}
```

//Replace String

```
NSString *replaceString = [firstName  
stringByReplacingOccurrencesOfString:@"osfoisiof" withString:@"def"];  
  
NSLog(@"replaceString is %@",replaceString);
```

//Trimming Characters

```
NSString *trimmingStr = [firstName stringByTrimmingCharactersInSet:[NSCharacterSet  
whitespaceCharacterSet]];  
  
NSLog(@"Trimming String %@",trimmingStr);
```

//ComponentsSeparatedByCharactersInSet:

```
NSString *sampleStringWith = @"Only one Voucher Valid Per Visit.(6124)#Not Valid in  
Conjunction with other Offers, Promotions, Member Discounts and other Institutional  
Discounts.(6125)#Valid on all days except if Specified by the Merchant.(6126)#Present the  
Coupon code before calling for the Bill/Cheque.(6127)#Present the voucher on  
Arrival.(6128)#Valid on Food and Beverages.(6129)#Not valid on Group Dining of More than  
10 guests.(6130)#Valid in Hyderabad City Only.(6131)#Valid on all days except 25th Dec,
```

31st Dec, 1st Jan, 14th Feb.(6132)#Prior Appointment Required.(6133)#Not Valid on Style Director.(6134)#Exclusive of Taxes.(6135)#Not Valid on Products and Chemical Treatments.(6136)#Valid only on New Arrivals.(6137)#Valid on Select Brands.(6138)#Not Valid on Alcohol.(6139)";

```
NSArray *outPutArray = [sampleStringWith componentsSeparatedByString:@"#"];
```

```
NSLog(@"print output array %@",outPutArray);
```

```
NSArray *strigWithSeparateByCharacteSet = [sampleStringWith  
componentsSeparatedByCharactersInSet:[NSCharacterSet  
characterSetWithCharactersInString:@"#."]];
```

```
NSLog(@"print output strigWithSeparateByCharacteSet  
%@",strigWithSeparateByCharacteSet);
```