

Python Basic Programming Assignment 11

1. Write a Python program to find words which are greater than given length k?

```
In [3]: a=["aditya","sudhanshu","iNeuron","Krish"]
k=int(input("Enter the value of k: "))
for i in a:
    if(len(i)>k):
        print(i)
```

Enter the value of k: 5
aditya
sudhanshu
iNeuron

2. Write a Python program for removing i-th character from a string?

```
In [9]: s="Aditya"
new_s=""
n=int(input("Enter the value of i: "))
for i in range(len(s)):
    if(i!=n):
        new_s=new_s+s[i]
print(new_s)
```

Enter the value of i: 4
Adita

3. Write a Python program to split and join a string?

```
In [14]: a="This is a sentence"
a=a.split(" ")
print(a)
a=" ".join(a)
print(a)
```

['This', 'is', 'a', 'sentence']
This is a sentence

4. Write a Python to check if a given string is binary string or not?

```
In [29]: t={'0','1'}
s=input("Enter any string: ")
a=set(s)
if (a==t or a=={'0'} or a=={'1'}):
    print("Binary String")
else:
    print("Not a Binary String")
```

```
Enter any string: 87456
{'6', '5', '4', '8', '7'}
Not a Binary String
```

5. Write a Python program to find uncommon words from two Strings?

```
In [31]: a="aditya"
b="pooja"
for i in a:
    if(i not in b):
        print(i)
```

```
d
i
t
y
```

6. Write a Python to find all duplicate characters in string?

```
In [35]: string = "Great responsibility";

print("Duplicate characters in a given string: ");
for i in range(0, len(string)):
    count = 1;
    for j in range(i+1, len(string)):
        if(string[i] == string[j] and string[i] != ' '):
            count = count + 1;
            string = string[:j] + '0' + string[j+1:];
    if(count > 1 and string[i] != '0'):
        print(string[i]);
```

```
Duplicate characters in a given string:
r
e
t
s
i
```

7. Write a Python Program to check if a string contains any special character?

```
In [34]: n="jupyter"
n.split()
c=0
s='[@_!#$%^&*()<>?/\|}{~:]' # special character set
for i in range(len(n)):
    if n[i] in s:
        c+=1

if(c):
    print("string is not accepted")
else:
    print("string accepted")
```

```
string accepted
```