**Name:- Tanuja Pravin Patil.**

**Roll No.:-151**

**Assignment No.: 6**

**Assignment Title:-Develop program to learn regular expression using python.**

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1. **re.search:**

*#re.search*import re  
str = "Hello World"  
res = re.search(r"worlds$",str,re.IGNORECASE)  
if res:  
 print("String end with world")  
else:  
 print("String does not end with world")

**OUTPUT**:-

String does not end with world

1. **re.findall:**

*#re.findall*import re  
*#open the file for reading*f = open("mails.txt",'r')  
  
*#repate for each line for the file*for line in f:  
 res = re.findall(r'\S+@\S+',line)  
  
*#display if there are some element in result*if len(res)>0:  
 print(res)  
  
*#close*f.close()

**OUTPUT:-**

['tanuja.patil297@gmail.com', 'yojanapatil55489@gmail.com']