INTERNSHIP   REPORT

ON

PYTHON COMPITATIVE CODEING

A internship Report is submitted

In accordance with requirement of degree of

BACHELOR   OF   TECHNOLOGY

IN

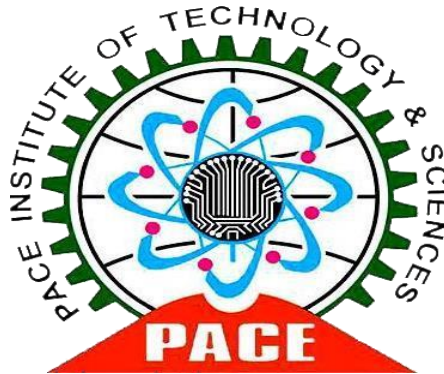**Computer science and information technology**

Submitted by

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(Affiliated to Jawaharlal Nehru Technological University Kakinada, Kakinada &

Accredited by NAAC 'A' GRADE,An ISO 9001-2015 Certified Institution)

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Response Evolution System

Description: This Python program serves as a tool to facilitate the collection of feedback from individuals at the culmination of a semester. By running the program, users can express their opinions and reflections on various aspects of their academic experience.

Requirements:

Functionalities:

1. **User Interface**:

   Menu Display: The program presents users with a clear menu interface displaying options for providing feedback or exiting the system

2. **Feedback Collection**:

   Input Handling: Users can input their feedback in the form of text.

3. **User Interaction**:

   Confirmation Message: After providing feedback, users receive a confirmation message, acknowledging their submission.

Non-Functionalities:

1. **Performance**:

- **Responsiveness**: The program should respond promptly to user interactions, ensuring a smooth and seamless user experience.
- **Scalability**: It should be able to handle a growing number of feedback submissions without significant degradation in performance.

2 **Security**:

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⬜ **Data Confidentiality**: Feedback data should be stored securely to prevent unauthorized access or disclosure.

3. **Compatibility**:

- **Platform Independence**: The program should be compatible with different operating systems and environments, ensuring broad accessibility.

Approach:

1.define objectives:

Evaluate the effectiveness of the course content.Assess the teaching effectiveness of the instructor.Identify areas for improvement. 2. Design the Survey Questions:

2. Develop the Feedback Collection System:

Choose the platform Implement the survey using tools like Google Forms, SurveyMonkey, or custom-built forms using HTML/CSS/JavaScript for web or mobile apps. Ensure the form is user-friendly and accessible.

 3. Collect Feedback:

Distribute the survey link to students via email, LMS, or other communication channels.Set deadlines for survey completion.Ensure anonymity and confidentiality to encourage honest feedback.

Program:

File Edit Format Run Options Window Help

```python
import pandas as pd
h=[]
def add_feedback(email_id,name,roll_no,course,subject_name,rating,comment):
    feedback={
        'email_id':email_id,
        'name':name,
        'roll_no':roll_no,
        'course':course,
        'subject_name':subject_name,
        'rating':rating,
        'comment':comment
    }
    h.append(feedback)
n=int(input())
for _ in range(n):
    email_id=input("Enter the email id:")
    name=input("Enter your name:")
    roll_no=input("Enter your roll_no:")
    course=input("Enter the course:")
    subject_name=input("Enter subject_name:")
    rating=int(input("Enter your rating:"))
    comment=input("Enter the comment:")
    add_feedback(email_id,name,roll_no,course,subject_name,rating,comment)
'''for i in range(n):
    print(s[i])'''
df=pd.DataFrame(h)
print(df)
N=input()
for i in range(n):
    if h[i]['name']==N:
        print(h[i]['email_id'],h[i]['name'],h[i]['roll_no'],h[i]['course'],h[i]['subject_name'],h[i]['rating'],h[i]['comment'])
for i in range(n):
    if h[i]['rating']<=3:
        print(h[i]['subject_name'])
for i in range(n):
    if h[i]['rating']>3:
        print(h[i]['subject_name'])
for i in range(n):
    if h[i]['rating'] == 5:
        print(h[i]['subject_name'])
c1=0
for i in range(n):
    if h[i]['rating'] <= 3:
        c1+=1
print(c1)
c2=0
for i in range(n):
```

Ln: 1   Col: 0

```python
        'email_id':email_id,
        'name':name,
        'roll_no':roll_no,
        'course':course,
        'subject_name':subject_name,
        'rating':rating,
        'comment':comment
    }
    h.append(feedback)
n=int(input())
for _ in range(n):
    email_id=input("Enter the email id:")
    name=input("Enter your name:")
    roll_no=input("Enter your roll_no:")
    course=input("Enter the course:")
    subject_name=input("Enter subject_name:")
    rating=int(input("Enter your rating:"))
    comment=input("Enter the comment:")
    add_feedback(email_id,name,roll_no,course,subject_name,rating,comment)
'''for i in range(n):
    print(s[i])'''
df=pd.DataFrame(h)
print(df)
N=input()
for i in range(n):
    if h[i]['name']==N:
        print(h[i]['email_id'],h[i]['name'],h[i]['roll_no'],h[i]['course'],h[i]['subject_name'],h[i]['rating'],h[i]['comment'])
for i in range(n):
    if h[i]['rating']<=3:
        print(h[i]['subject_name'])
for i in range(n):
    if h[i]['rating']>3:
        print(h[i]['subject_name'])
for i in range(n):
    if h[i]['rating'] == 5:
        print(h[i]['subject_name'])
c1=0
for i in range(n):
    if h[i]['rating'] <= 3:
        c1+=1
print(c1)
c2=0
for i in range(n):
    if h[i]['rating'] > 3:
        c2+=1
print(c2)
```

Ln: 1   Col: 0

```
Python 3.12.4 (tags/v3.12.4:8e8a4ba, Jun  6 2024, 19:30:16) [MSC v.1940 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
       = RESTART: C:\Users\kunda\AppData\Local\Programs\Python\Python312\python project 27.py
       15
       Enter the email id:yuo@
       Enter your name:hema
       Enter your roll_no:727
       Enter the course:csit
       Enter subject_name:de
       Enter your rating:4
       Enter the comment:avg
       Enter the email id:khy@
       Enter your name:uma
       Enter your roll_no:788
       Enter the course:civil
       Enter subject_name:autocad
       Enter your rating:3
       Enter the comment:excellent
       Enter the email id:kur@
       Enter your name:sunitha
       Enter your roll_no:897
       Enter the course:eee
       Enter subject_name:mfcs
       Enter your rating:2
       Enter the comment:good
       Enter the email id:hur@
       Enter your name:suerekha
       Enter your roll_no:456
       Enter the course:cse
       Enter subject_name:maths
       Enter your rating:5
       Enter the comment:good
       Enter the email id:hut@
       Enter your name:varsha
       Enter your roll_no:724
       Enter the course:csit
       Enter subject_name:chemistry
       Enter your rating:3
       Enter the comment:excellent
       Enter the email id:kut@
       Enter your name:vyshu
       Enter your roll_no:456
       Enter the course:cser
       Enter subject_name:hindi
       Enter your rating:2
       Enter the comment:avg
```

Ln: 148   Col: 0

```
       Enter the email id:kut@
       Enter your name:vyshu
       Enter your roll_no:456
       Enter the course:cser
       Enter subject_name:hindi
       Enter your rating:2
       Enter the comment:avg
       Enter the email id:rty@
       Enter your name:teja
       Enter your roll_no:710
       Enter the course:csit
       Enter subject_name:phy
       Enter your rating:4
       Enter the comment:good
       Enter the email id:yuor@
       Enter your name:akhila
       Enter your roll_no:720
       Enter the course:cse
       Enter subject_name:dbms
       Enter your rating:3
       Enter the comment:excellent
       Enter the email id:ghj@
       Enter your name:susmi
       Enter your roll_no:728
       Enter the course:aids
       Enter subject_name:at
       Enter your rating:5
       Enter the comment:good
       Enter the email id:kio@
       Enter your name:raga
       Enter your roll_no:718
       Enter the course:mech
       Enter subject_name:eng
       Enter your rating:2
       Enter the comment:avg
       Enter the email id:bnm@
       Enter your name:sravs
       Enter your roll_no:716
       Enter the course:eee
       Enter subject_name:telugu
       Enter your rating:4
       Enter the comment:good
       Enter the email id:tyu@
       Enter your name:harini
       Enter your roll_no:234
       Enter the course:iot
       Enter subject_name:mefa
```

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```
IDLE Shell 3.12.4 - C:/Users/kunda/AppData/Local/Programs/Python/Python312/python project 27 output.py (3.12.4)
File  Edit  Shell  Debug  Options  Window  Help
Enter your rating:2
Enter the comment:avg
Enter the email id:hjkd@
Enter your name:samosa
Enter your roll_no:4500
Enter the course:it
Enter subject_name:beee
Enter your rating:1
Enter the comment:avg
      email_id        name  roll_no  course    subject_name  rating    comment
0        yuo@        hema      727    csit              de      4        avg
1        khy@         uma      788    civil        autocad      3  excellent
2        kur@      sunitha     897    eee             mfcs      2       good
3        hur@     suerekha     456    cse            maths      5       good
4        hut@       varsha     724    csit       chemistry      3  excellent
5        kut@        vyshu     456    cser           hindi      2        avg
6        rty@         teja     710    csit             phy      4       good
7       yuor@       akhila     720    cse             dbms      3  excellent
8        ghj@        susmi     728    aids              at      5       good
9        kio@         raga     718    mech             eng      2        avg
10       bnm@        sravs     716    eee           telugu      4       good
11       tyu@       harini     234    iot             mefa      1        avg
12       sdt@        maari     387    csds             daa      4  excellent
13       yue@        keena     908    csit  data structres      2        avg
14      hjkd@       samosa    4500    it              beee      1        avg
hema
yuo@ hema 727 csit de 4 avg
autocad
mfcs
chemistry
hindi
dbms
eng
mefa
data structres
beee
de
maths
phy
at
telugu
daa
maths
at
9
6
>>>
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```

Conclusion:

In summary, the Semester Feedback System Python program offers a streamlined approach to gather valuable insights from students regarding their learning experience. By employing a straightforward questionnaire format, it efficiently captures feedback on various aspects of the semester, allowing educational institutions to make informed decisions for curriculum improvement and enhancing overall student satisfaction. This program serves as a vital tool in fostering a continuous feedback loop, facilitating the enhancement of teaching methods, course materials, and resources, ultimately contributing to a more enriching educational environment.