



NATIONAL UNIVERSITY OF COMPUTER & EMERGING SCIENCES
FAST - PESHAWAR CAMPUS

Subject: Software Construction and Development Lab (CL-3001)

Instructor: Muhammad Saood Sarwar

Lab Task : 3

Question 1: Date Format Validator:

Write a Python program that asks the user to input a date in the format DD/MM/YYYY and validates it using a regular expression. The day and month should:

- Allow for 1 or 2 digits (i.e., 3 or 13).
- Ensure the year is exactly 4 digits long.

The script should output whether the date is valid or not.

Example Valid Inputs:

```
user_input = "31-12-2023"
```

Output: Valid

Question 2: Phone Number Validator

Write a Python script that asks the user to input a Pakistani phone number in the format +92 300 1234567 and validates it using a regular expression. The phone number must:

- Start with the country code +92.
- Follow with a space, and a 3-digit carrier code (e.g., 300).
- Allow for optional spaces or hyphens between groups of digits.
- Ensure the last part contains exactly 7 digits.

Example Valid Inputs:

- +92 300 1234567
- +92-300-1234567
- +92 3001234567