Assignment # 1

Question # 5.1

NESTED if-else Statement

Write a program that will get the inputs from user step by step and display whether the correct capital of selected Country is right or wrong. If in case user enter any wrong value, Your program must display "Wrong choice entered".

User can input for Asia **'A'** or Europe „**E'**.

1. Asia **->** Pakistan **P** or India **I** or Bangladesh **B** or Srilanka **S**
    a. Pakistan P **->** Islamabad or Lahore L or Karachi K or Peshawar P or Rawalpindi R
    b. India I **->** (Search by yourself at least 5 cities and make feasible notations for them)
    c. Bangladesh B **->** (Search by yourself at least 5 cities and make feasible notations for them)
    d. Srilanka S **->** (Search by yourself at least 5 cities and make feasible notations for them)

2. Europe E☐ Austria **A** or Finland **L** or France **F** or Germany **G**
    a. Austria A**->** (Search by yourself at least 5 cities and make feasible notations for them)
    b. Finland L**->** (Search by yourself at least 5 cities and make feasible notations for them)
    c. France F**->** (Search by yourself at least 5 cities and make feasible notations for them)
    d. Germany G**->** (Search by yourself at least 5 cities and make feasible notations for them)

Question # 5.2

NESTED SWITCH Statement

Part 1:

Write a program that implements simple game scenario. Game has single-player or a two-player MODE. For each MODE you have to choose among four HEROs. These are ALPHA, BRAVO, CHALIE and DELTA. You have to design and implement proper notation for each MODE and each HERO and implement them accordingly using appropriate conditions (as explained in class).

Part 2:

Against each MODE ask five values for each player if:

a. Ask input range is between (1-100) player will win with 10 points for one value.
b. Ask input range is between (101-200) player will win with 20 points for one value.
c. Ask input range is between (201-500) player will win with 50 points for one value.

Add all five values for HERO/HEROs and printout the winner of the game (if game is in two-player MODE) .

Important instructions for Submission

- ☐ Properly use checks for all wrong inputs in each question.
- ☐ Code must be properly commented.
- ☐ Submit Source Code file (.cpp) at arehan@numl.edu.pk with subject **ITCPassignment1**
- ☐ Last date for Submission is 8:00am, 13th October 2016.