**UNIVERSITY OF THE PUNJAB**

**Assignment # 3**

Introduction to Data Science

**Topic :-**

HackerRank

**Submitted by :-**

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**Student Roll No. :-**

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**Department :-**

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# IDS Course Assignment: HackerRank Python Fundamentals

## Student Submission Details

Profile Name: Umar yar

HackerRank Profile Link: https://www.hackerrank.com/profile/umaru0977

## 10 Solved Python Problems

The following 10 basic Python problems were solved on HackerRank, covering core programming fundamentals as required (Input/Output, Conditionals, Loops, Strings, Lists, and Functions):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Problem Name** | **Core Concept(s) Covered** | **Difficulty** | **Status** |
| 1 | **Say "Hello, World!" With Python** | Basic Input/Output (I/O) | Easy | Solved |
| 2 | **Python If-Else** | Conditionals | Easy | Solved |
| 3 | **Arithmetic Operators** | Operators, Basic I/O | Easy | Solved |
| 4 | **Python: Division** | Operators, Division | Easy | Solved |
| 5 | **Loops** | Loops (e.g., for loop) | Easy | Solved |
| 6 | **Write a function** | Functions, Conditionals | Medium | Solved |
| 7 | **Print Function** | Output formatting, I/O | Easy | Solved |
| 8 | **List Comprehensions** | Lists, List creation | Easy | Solved |
| 9 | **Find the Runner-Up Score!** | Lists, Sorting, Data manipulation | Easy | Solved |
| 10 | **String Split and Join** | Strings, String methods | Easy | Solved |

## Additional Solved Problems (For Reference)

* Nesteed Lists
* What's Your Name?



