

Name : Celebrate

Surname : Mashaba

Student number : ST10055395

Module name : IT Professional Practice

Assessment type : Assignment 1

Group 8

Question 1

Q 1.1 LinkedIn profile link

https://www.linkedin.com/in/celebrate-mashaba-55090824b?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view_base_contact_details%3BFgXcm%2B%2BjQOSuSwXANrFwtA%3D%3

Q 1.2 1. Skill

-Your level of ability in your field will determine the quality and quantity of your result. The better you get at what you do, the easier it is for you to start moving forward to get a particular level result. As you increase your skill, through study and experience, you get better and better at doing the small things that increase the speed and predictability of your results.

Education

-In our society, the highest paid people are those who know more than the average. They know more of the critical facts, ideas and information than the average person in their field. As a result, they can make a more valuable contribution to a knowledge-based society and live the best life possible.

Creativity

-Creativity is another wonderful way to start moving forward in life and to increase the speed at which you achieve your goals. Creativity is something that requires that you continually look for better, faster, easier, cheaper ways to get the job done.

<https://www.briantracy.com>

2. - Start with summary of your skills and key accomplishments

-Emphasize result rather than responsibilities

-Customize for the job you want

-Highlight changes and growth

-Show industry insight

<https://jsgin.com>

3. Positive image

-People judge you by the way you look on the outside, by the way you appear or the way you look in tattoos in your face. The fact is that you judge everyone else by the way they look on the outside, as well. Taking time to present an attractive image in your person, your clothing your grooming and your accessories can have an inordinate impact on the doors that open for you.

<https://www.briantracy.com>

Question 2

https://www.canva.com/design/DAFMp4ygmHU/ftWqW4rwEFxYwrpR90FtnA/edit?utm_content=DAFMp4ygmHU&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton

Description of all the necessary roles as shown in the organogram

Cyber Security Specialist

-By monitoring, detecting, investigating, analyzing, and responding to security events, cyber security specialist protect system from cyber security risks, threats , and vulnerabilities. Cyber security specialist work on IT team that are dedicated of the business network and data.

Responsibilities

- Problem-solving skill
- Technical aptitude
- An understanding of hacking

Programmer

-Computer programming is the process of writing code to facilitate specific action in a computer, application or software program, and instruct them on how to perform.

Responsibilities

- Writing and testing code for new programs
- Updating existing programs
- Rewriting programs for different operating system

Software Developer

-Software developer is the researching, designing, implementing, and managing software programs. Testing and evaluating new programs. Identifying areas for modification in existing programs and subsequently developing these modifications. Writing and implementing efficient code.

Responsibilities

- Work with developers to design algorithms and flowcharts
- Verify and deploy programs and system
- Produce clean, efficient components and third-party programs

System Engineer

-Software engineer is the managing and monitoring all installed system and infrastructure. Installing and maintaining operating system, application software and system management tools. Ensuring the highest levels of system and infrastructure availability.

Responsibilities

- Proficiency in data architecture
- Programming skills
- Communicating skills

Web developer

-Web developer is to design, create and maintain websites look good and function properly. Web developer collaborate with website and graphic designer, monitor website traffic, troubleshoot website problems when they arise, and update websites as necessary

Responsibilities

- Developing and maintaining the user interface

- implementing design on mobile websites
- creating tools that improve site interaction regardless of the browser

<https://mallory.com>

Question 3

What I like about this test I liked loops. Loops are a fundamental concept in programming. In order to understand what loops are, we have to look some real life cases loop. Consider your daily routine, I wake up, I brush, I wear clothes then head off to school, come back, eat and then sleep off. Again the next day, I do the same things in the same order and go to sleep again. This cycle keeps on repeating.

This concept of repetitive action performed time and again is called loop. Looping in java is defined as performing some lines of code in an ordered fashion until a condition is false. The condition is important because we do not want the loop to be running forever. As soon as this condition is false, the loop stops.

Java for loop consists of 3 primary factors which define the loop itself. These are the initialization statement, a testing condition an increment or decrement part for increasing or decrementing the control variable that's why I like loop because is repeating the same thing this cycle keeps on repeating it is not difficult to me I understand the loops in java the first topic I understand in java is a loops.

Looping is a core concept in programming and without loop iterative tasks would difficult to perform. A strong concept to build programs which can handle repetitive task easily. Loop are very important in coding I like loop more than everything in java.

Challenges for loops is small to me because I don't see more challenges in loop because I love loop each and every time I told myself. I focused in loops because it is important in programs

And I like decision. Decision making means action of taking decision and choosing the action plan. Consider a real life example, you are driving a car on a road to a concert, and you see your fuel light flashing, you

immediately decide that you will stop at the next petrol pump. But if the light would have continued driving. That is where you took a decision and planned your action.

Decision making in java execute a particular segment of code based on the result of a Boolean condition. It is important because condition define the flow of program and the output of a particular programs.

Challenges for decision making is small to me I don't see more challenges in decision making because I put more effort on decision making

What I did not like about inheritance relationship is a, tightly coupled relationship, there will be tight bonding between parent and child. If we change code of parent class it will get affect to the all the child classes which is inheriting the parent code.

Challenges for inheritance I face many more challenges that I did not expert I will got there.

What I did not like about abstract classes are similar to interface. You cannot instantiate them, and they may contain a mix of method declared with or without an implementation. However, with abstract classes, you can declare field abstract classes, you can declare fields that are not static and final, and define public, protected, and private concrete methods.

Challenges for abstract classes I face many more challenges that's I hate about this test

One of the criteria for ensuring the quality of test items is that items must be relevant. Specific content that is consistent with predefined learning goals professional practice. Ensuring item relevance is important for several reasons.

