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SUBJECT COMPUTER PROGRAMING

ASSIGNMENT

SUMBITT TO SIR ASHRAF ALI

QUESTION 01

ANSWER

* Algorithm and flowchart

Input the width and the length of a rectangle calculate

The area (A) by multiply L with W print A

Algorithm step no 1 input W,L

Step no 2 A (A)(W)

Step no 3 print A

ANSWER NO 1B

There are three kind of errors syntax errors runtime errors

And logic errora these are errors where the compiler

Finds something wrong with your program and you cant

Even try to execute it for example you many have incorrect

Punctuation or may be trying to use a variable that hasn’t

Been declared

ANSWER NO 2 PART A

Algorithm

Input variable 1 and variable 2

Check if variable 1>variable 2

Store variable 1 in another variable MAX else

Store variable 2 in another variable MAX

PRINT MAX

Step no 1 input VALUE 1,VALUE 2

Step no 2 if (VALUE >VALUE2)Then Max-VALUE1 else VALUE 2

Step no 3 the largest value is MAX

ANSWER NO 02 PART B

Software maintenance is a part of software development life cycle

Its main purpose is to modify and update software application after

Delivery to correct faults and to improve performance …When the

Real world changes the software requires alteration whenever

Possible .

Answer NO 03 PART A

A…Debug is a derived term of bug .

As verbs the difference between debug and bug is that debug is

(COMPUTER SCIENCE) to search and from malfunctioning

Element or error in something especially program or machinery

While bug is (informal transitive )

As a noun bug is

An insect of the order hemiptera ( the true bugs)

B…Semantic error is related the meaning OF SOMETHING the

Logical error is that error that indicate the logic used with the v

Program failed to solve the problem the logic error will never

Program to stop working but our desired result will not be get

B

The difference a low and a high level language is the level of

Abstraction of the two language a low level language has a lower

Level of abstraction where as high level language a higher level

Has a low level programming language is an abstraction of the

Native programming language of a machine

THE END