Software Engineering lassmate Assignment to check basic knowledge about software Engineering

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+	7	All retricts to some somethis author, of elements
-	21.	What is,
+	12	or imments of entiring common dominanting great
+	a.)	Software:
+		1.) Softwine is a set of programs landes; which is designed to
+	3.7%	perform a well-defined function.
1		2) A program is a sequence of instructions written to solve a
-		particular problem.
	130	3) It comprises of set of programs, procedures and routines associate
		with the operation of a computer system.
	9.	4) There are various software domains viz: System, Application,
	uta	Scientific, embedded, web applications, AIIML, open-source software,
		et
-	len)	a software boution: analogica software initially from
	6.1	Engineering:
		1) Engineering is the use of science and math to design or make
		things: I set mout souther set to skutch secusion (a)
		2) It is the use of scientific principles to design and build
	فطا	machines, structures, buildings, and many more thing.
		3) It is a way to engineer human life through research
	on I	and innovation in science and technology.
		dance blanches los sculose
	C:)	Engineer:
		1) Engineer is a person who is trained in the aspects of
	dh	engineering based on the branch of study.
		2) Helithe can be the one who works on something to improve
		the autput with minimum inputs / requirements.
		3.) Someone who solves issues / problems and makes human life
		27 Someone with buryes round problems and many.

es Explain in brief - Software process -

to goven software computer system and to process handware components. To produce software components are set of activities are used. This set is called software process.

2.) Components of software: Program, documentation, operating

proreduses.

3) There are 4 basic key process activities:

A) Software specifications: Detailed description of a software system to be developed with its functional and non-frictional components.

By Gofflione perelopment: perigning, programming, documenting

testing and bug fixing is done.

c.) Software Validation: Evaluation software product is done to ensure that the software meats business requirements as well as end user needs.

os software Evolution: pereloping software initially, then timely updating it for various reasons.

B) Discuss Nature of the software: The nature of software has changed a bit over the years:

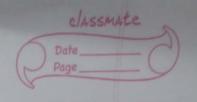
ategory like compilers, 05, drivers, etc.

2.) Real time software: These one used to monitor, control and analyze real world events

3) Embedded software: Its placed in ROM of the product and control various functions of the product.

4) Business coftware: to process business app. It and be payroll, file monitoring, DBMS, etc.

multimedia, animating, etc are under this codegory.



6) AI software: Makes use of non numerical algorithms to side complex problems that one not amenable to computation or analysis.

7.) Web brised software: CGI, HTML, Java, Perl, DHTML, etc.

field and applications that keep on evolving data by day and time to time, software and its nortune also needs to be updating and evolving parallelly.

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