

## VIDEO 1

Algorithm is a step by step procedure for solving a computational problem.

Program? is also step by step procedure for solving a problem. Then what is the difference between program and algorithm?

If you know the software development lifecycle means of phases of developing a software project in the phases of development of the project there are two important phases design phases and implementation phases whatever you want to manufacture or construct something by engineering procedures then for one of the important step is designing make your design perfect and through so u can understand what u gonna construct what u are going to develop and here near sure what .. then u start

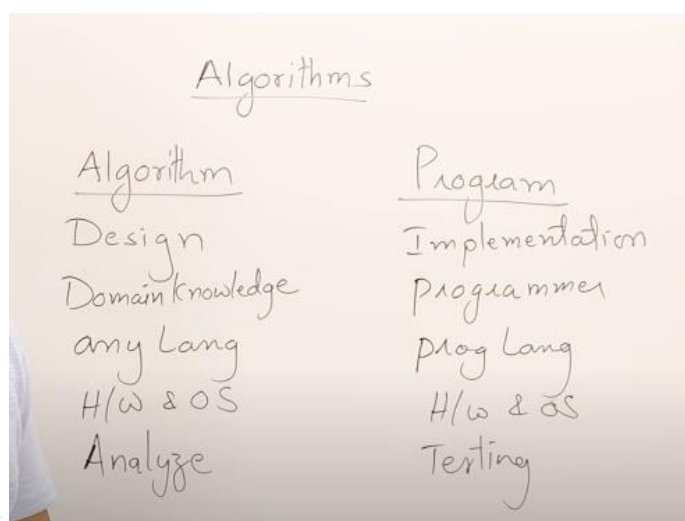
You can not develop anything you cannot construct anything on trial and error basis software engineer can write a soome program and change the mind delete the program and again started in over.

The point is first you design and write the program second etape.

Algorithm is written at design time when the programs are done they are implementation time.so first you make a design what your procedures going to do what your software is going to do come up and that design your program. What do you call person who designing whatever program

Person who is writing an algorithm should have domain knowledge like suppose you are developing a software or a network program for accountant can understand accounting u should have domain knowledge about accounting. Who would like to program programmer .Programmers can also have hte mid knowledge they.

What is the language used for writing algorithm you can use any langauge .when you write an algorithm is going to be hardware and software means operating system independent it's not dependent on hardware what's machine u gonna use wha configuration of machine or operating systems but when you write on program it is dependent on hardware and operating system we analyze our algorithms if efficient or etc.



<u>Algorithm</u>	<u>Program</u>
Design	Implementation
Domain knowledge	Programmer
any Lang	prog Lang
H/w & OS	H/w & OS
Analyze	Testing

For program we are testing.