Practical3   fycs 63 VishalJaiswal

Title:BasicsUnderstandingOnFreeandOpenSourceSoftware.

a) DescribeOpen-SourceSoftwarewithexample.
- Opensourcesoftwareissoftwarewithsourcecodethatanyonecan inspect, modify,andenhance."Sourcecode" isthepart ofsoftwarethatmostcomputerusers don't ever see. It's the code computer programmers can manipulate tochangehowapieceofsoftware-a"program"or "application"---works. Programmers who have access to a computer program's source code canimprovethatprogrambyaddingfeaturestoitorfixingpartdon'talwaysworkcorrectly.

ExamplesofopenSourcesSoftware:

Open sources technologies helped establish much of the internet. Furthermore,manyoftheprograms youandIuseeverydayarebasedonopen-source technologies.Forexample, AndroidOSandApple'sOSX

OtherExamplesofopen-sourcesoftwareis:

- Mozilla'sFirefoxwebbrowser
- Thunderbirdemailclient
- PHPscriptinglanguage
- Pythonprogramminglanguage
- ApacheHTTPwebseveraldatabasesystem

b) DescribeFreesoftwarewithexample.
- Freesoftwaremeanssoftwarethatrespectsusersfreedomandcommunity. Roughlyitmeansthattheuserhavethefreedomtorun,copydistribute, study,change,andimportthe software.Thus,"FreeSoftware"isamatteroflibertynotprice.
- We sometimes call it "libre software" Borrowing the French or Spanish wordfor"Free"as in freedom,toshowwesonotmeanthesoftwareis gratis.
- Thebestknownexample offreesoftware islinuxkernel,the BSD,theGNUcompilercollectionandClibrary.

c) Difference betweenfreesourceandopensource software.

OpenSourceSoftware	FreeSourceSoftware
Opensourceisa developmentmethodulogy	Freesoftwareisasocialmovement

ItisfocusedtoprovideEconomicalCo llaboration	Itisfocusedtoprovidemoralco llaboration
Itisverygoodforour business	ItisGoodformoralityofsociality
AllasscomeunderFreeSoftwarete rminology	Butallfreesoftwaredosen't comeunderopensourceterminolog y
Freedomtorunprogramforanypu rpose	Ithasdistributionoflicense
Availabilityofsourcecode	Freedomtostudyaboutprogram