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\	Name: - Tshwari Rajiv Narkhede
	PRN: - 1841034
Locidi	Branch: - computer Engineering
	Aim: - Study of 12 steps of software metrics.
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	What are software metrics?
=	"Software metrics are The continuous
	application of measurement based techniques
barra	to the software development process and its
	products to supply meaningful and timely
	management information, together with the use
	of the techniques to improve that process and
	its products that was and and alle
dens	up read revenu and believe activeration
1.2	Introduction to twelve steps:
	A Company of the Comp
8,110	steps 1-4: define customer needs, select
_	metrics that match them
197(10, 10	steps 5-10: designing, tailoring metrics: definition,
3	models, counting criteria, benchmarks
	steps 11-12: implementation issues: collection
	minimising impact of human factors.
	minimistry mirpage or noting nactors.
	Step 1: Identify Metrics customers
76	weilingst basitanhaut and rodfil
.)	Person/people that will use the metric
	Cystomers may include: functional management,
II	Saannad by Cam Saannar

	project management software engineers/programes
	tests managers/testers, specialists, customers/users
_	1 Name: Asham Kaja Maskhele
	step 2: - Target goals recipil - 1/29
	As Basili stated in the goal [question]
	metric dapproach and a former day to the day of the day
_	This step selects one or more measurable.
	goals (e.g., on-time delievery, delivering the software
	with required level of quality/performance, etc)
	Software inchies are the continued
3	step3: - Ask Questions
14	Define questions that needs to be answered
	in order to ensure goals are obtained.
21	adt die valged entemalie tomagener
31	Step 4: - select metrics + mindred
	select the metrics that provide the
	information needed to answer these questions
	answers that give objectives to the selected
	metrics.
	An individual metrics performs one of four
	functions: the triple to interest
	1) Understand software process product services
no	2) Evaluate against established standards
	and goals.
	3) control resources and processes
	4) Predict attributes of software
	Step 5:- standard definitions
	Either use standardized definitions or
	create your own (but make them explicit &
	colege) non proping is hubb proping is and is

step 6:- choose a measurement function
i.e. how you are going to calculate the
metrice
"If we try to include of all the elements
that affect the attribute or characteristics
the entity, our model can become so complicated
that it's useless Being pragmatic means not
trying to create the most comprehensive model".
out to ad Cd Apart sacra sai esiilm sin (
step 7: - Establish a measurement method.
Define Base measures, units and how they
are to be calculated
e.g., sloc is well-known and widely accepted,
but there is no industry-accepted standard
on how to count lines of code.
Once selected, comminus communicate it so
Others won't misunderstand or misuse it.
~: noisulano)
step 8:- Define Decision Critéria
According to the Iso 15939 standard,
decision criteria are the "thresholds, targets,
or patterns used to determine the need
for action or further investigation, or to
describe the level of confidence in a given
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The older what he
step 9:- Define report mechanisms
This includes defining the report-
format, data extraction and reporting cycle,
reporting mechanisms, distribution and availability

step 10: - Determine additional qualifiers to find other view on the metric. Step 11: - Collect data The owner of the data is probably the best person for generating the data because:

i) data is collected as it is being generated. 2) anomalies are more likely to be detected. Data collection has to be automated, for repeatability for reducing human factor errors step 12:- The people side of the metric equation. Conclusion: -A metrics program that is based on the gaals of an organization will help comminicate, measure progress towards and eventually attain those goals. People will work to accomplish what they believe to be important. A practical, systematic, start-to-finish method of selecting, designing and implementing software metrics is a Valuable aid.