

## Intro to Software Testing

### **Interview Questions:**

What is software testing?

Who performs testing ?

How is software testing done? What are the testing procedures?

Why is software testing required?

## What is Software Testing?

- A **process** to **assure** the **quality** of a software
- The **goal** is to **prevent** & **identify** any bugs in the app.
- Verify if the **actual** software **meets** the client's **expected requirements**

## What is to be tested in software testing?

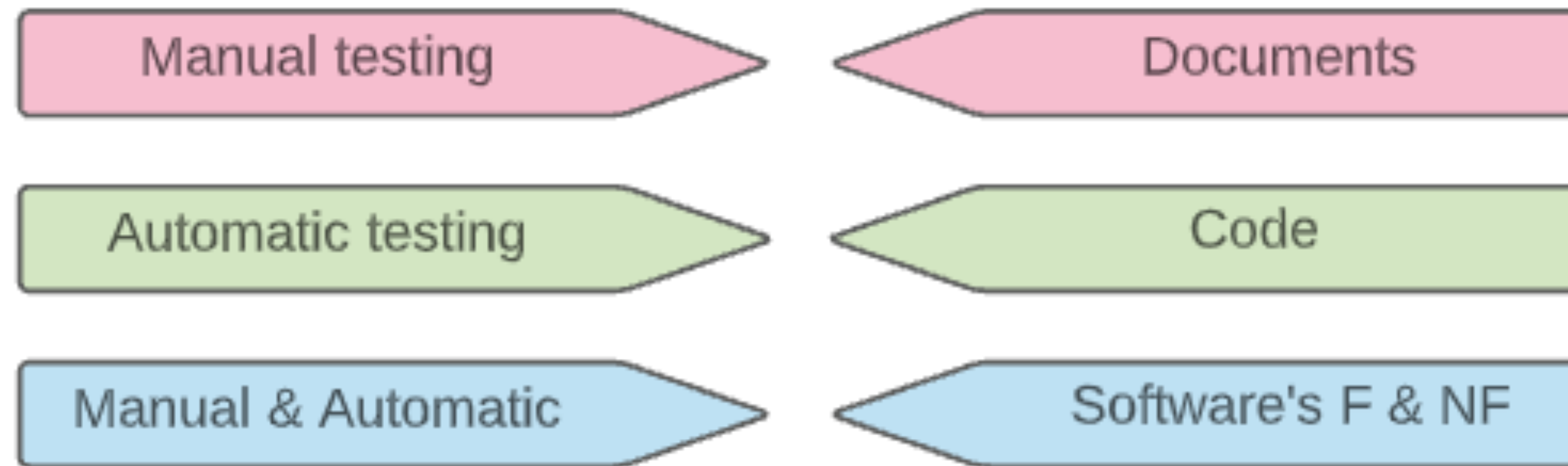
- Documents
- Codes
- Software's functional and non-functional parts

## Who performs Testing?

- Business team members
- Designers
- Developers
- Testers
- The client / stakeholders
- End users

## How is software testing done?

- Manual testing
- Automatic testing



	<i>Manual Testing</i>	<i>Automatic Testing</i>
<b>Programming</b>	Not required	Required
<b>Reliability</b>	Human error occur	Comparatively more reliable
<b>Testing time</b> (For a long run)	Slower	Faster
<b>Reusability</b>	Not reproducible	Reusable
<b>Limitation</b>	No tool or Env limitation	Automation tool limitation
<b>Budget</b>	Cheaper for short-term goal	Cost-effective in the long run

## What is the benefit of automation testing?

1. Fast
2. Reusable
3. Cost Reduction
4. Improve Security
5. Customer Satisfaction
6. Reliable
7. Enhance performance
8. Repeatable
9. Better Quality Software
10. Required in SDLC