

1) Java is software based and hardware based?

:- Java is Software based language.

2) Realtime example of Java Architecture?

:- **Passport Application:**

-> after online application on passport website we schedule an appointment at your nearest Passport Seva Kendra (PSK) or relevant passport authority. by paying fees there the passport officer verifies our documents that are uploaded with application with our original document and take our picture for passport. Create and forward our file to police background verification. **(Just like compiler in java here passport officer create and forward our passport file to JVM ie. for Police Verification)**

-> After receiving our file from the passport office, the officer from the local police station call us for background verification to verify our background, education. If we have a criminal record or not, our documents after combing all of this clear our police verification and sign our passport file. **(Here police verification acting like JVM and JIT for our passport file)**

3) Naming Conventions in Java?

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For Class: The starting letter of class should be **capital**. It should follow Camel Case Convention e.g: *class AcceptUserInput {}*

For Variable: For variable the name should start with the **small** letter. The variables can also contain underscore(_), dollar sign(\$) in java. Ex: *int var_sum*.

For Method: method name also start with the **small** letter and follow camel case. Ex: *public void getPaymentStatusl(){}*