

Read Me

There is just one (java)file to be compiled and run, with the name “Princeton.java”.

To compile and run it, enter the following commands in your terminal:-

```
>> javac Princeton.java
```

```
>> java Princeton
```

It'll give you a list of values stored in different registers after each 40 bit instruction(LHS+RHS) is executed. This will be done for each of the 2 programs implemented in the code through the IAS instructions.

1st program is just a set of random instructions encompassing all the 21 instructions available in an IAS.

2nd program is a valid higher-level program as written below:-

```
a = 5, b = 15;
```

```
if(a >=b){
```

```
    c = a;
```

```
} else {
```

```
    c = b;
```

```
}
```

Snapshots are also there for added reference.

Thank You :)