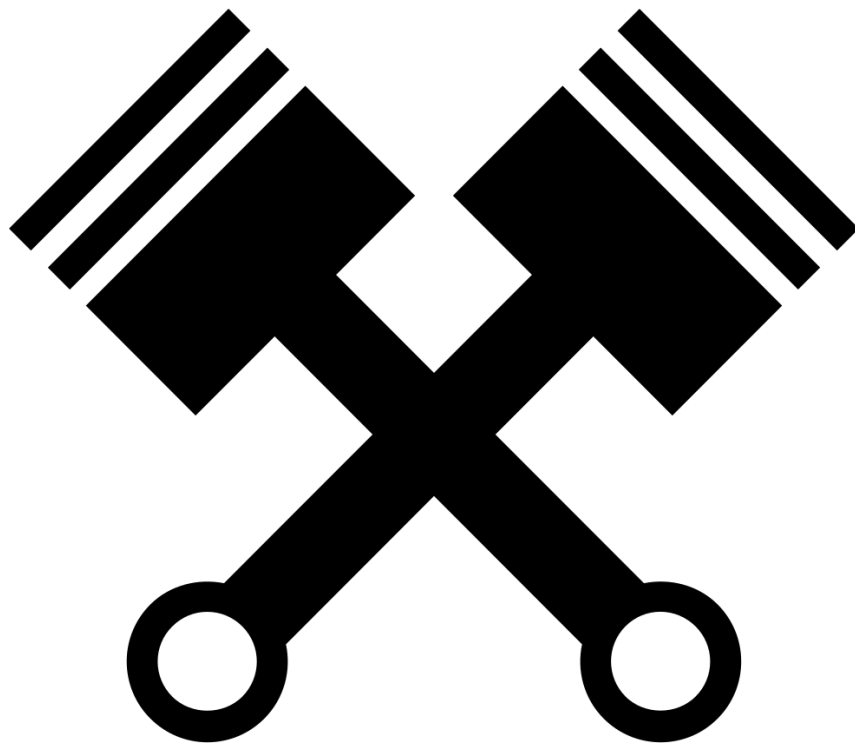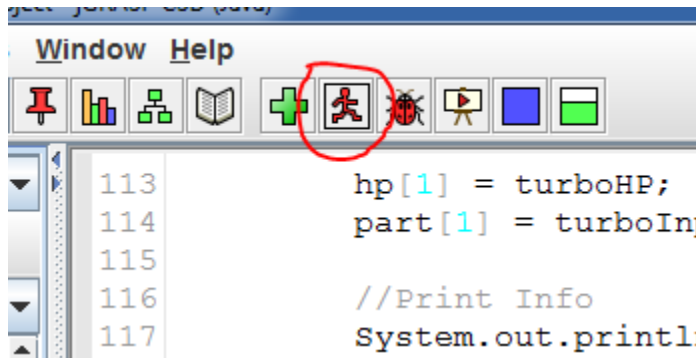# Horse Power Calculator

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How to run it

Open up any IDE(editor)and open the file named "HPCalc.java". This file contains the main method, now run the program, and based on what IDE you're using the method to run it will differ. In our IDE, we used jGrasp and we clicked the run button up here.

Once it runs

Part 1

This Program is optimized for the RB26DETT engine, and it will ask which parts you'd like and not like. It asks if you want parts for an Intake, Turbo, Cam, and Exhaust. You can answer with Yes, No, Y and N.

Part 2

For each part we give 4 different options to pick from, you the user can choose which part you want by typing in the name of the part (case does not matter) or by typing the corresponding number of the part.

Part 3

Once you enter the parts you want it will add up the total amount of Horse Power made by each part, with the total amount of Horse Power already in the engine (which is 276).

```
1. MagnaFlow CatBack, 2. Borla,
3. Corsa, 4. APEXi
1
Your Exhaust Added 35.0 Horsepower

Your engine makes a total of 448.0hp
```

Part 4

After you have completely run the program the data will be stored to a file that you can open up with notepad. This file is named "Horse Power Made"

cam.class	4/30/2018 6:46 PM	CLASS File	1 KB
cam.java	4/30/2018 6:46 PM	jGRASP Java file	2 KB
exhaust.class	4/30/2018 6:46 PM	CLASS File	1 KB
exhaust.java	4/30/2018 6:45 PM	jGRASP Java file	2 KB
HorsePowerMade	5/2/2018 10:46 AM	File	1 KB
HPCalc.class	5/2/2018 10:31 AM	CLASS File	6 KB
HPCalc.java	5/2/2018 10:31 AM	jGRASP Java file	9 KB
intake.class	4/30/2018 6:39 PM	CLASS File	1 KB
intake.java	4/30/2018 6:39 PM	jGRASP Java file	2 KB
turbo.class	4/30/2018 6:43 PM	CLASS File	1 KB
turbo.java	4/30/2018 6:43 PM	jGRASP Java file	2 KB

Part 5

The file contains all the data in a neatly filed in a table displaying the power output for each part.

```
Parts              HP
---------------------
Intake           15.0
Turbo            65.0
Cam              57.0
Exhaust          35.0
Stock           276.0
Total           448.0
```