



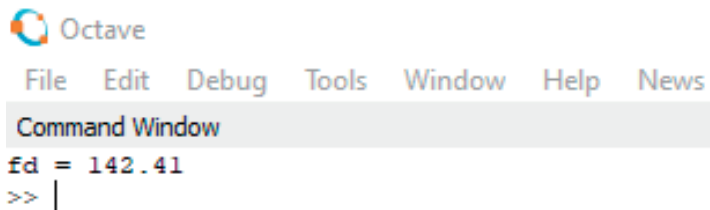
**JSPM's**  
**JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING**  
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Department of Electronics and Telecommunication Engineering



## Code :

```
clc;
clear all;
speed_miles=60; % Given Speed in miles per hour
speed_km=60*1.6; % conversion to km per hour
speed_meter_per_sec=speed_km*(5/18); % conversion to m/s
c=3*(10^8); %speed of light in m/s
fd=(speed_meter_per_sec/c)*cos(pi/6)*(1850*10^6); % Doppler Shift frequency
display(fd);
```

## Output :



Octave

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Command Window

```
fd = 142.41
>> |
```