

First LaTeX Document

Program No: 1
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Aim

To write a C program to convert the rupees entered in digits to its equivalent value in words.

Software's Used

- Oracle VirtualBox

Description

Get the rupees in digits as input from the user.
Perform operations on it and display its equivalent value in words.

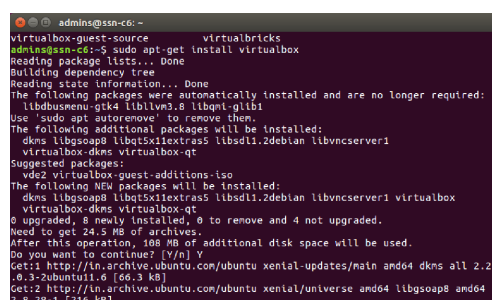
Procedure

List the steps how the problem is solved. If it is a program example the concept.

Code

```
\lstinputlisting{/home/pglab1/sathya/Networks/pg1.c}
```

Output



```
admins@ssn-c6: ~$ sudo apt-get install virtualbox
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libdbusmenu-gtk4 liblvm3.8 libqt5-glib1
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  dkms libgsoap8 libqt5x11extras5 libstdl1.2debian libvncserver1
  virtualbox-dkms virtualbox-qt
Suggested packages:
  vde2 virtualbox-guest-additions-iso
The following NEW packages will be installed:
  dkms libgsoap8 libqt5x11extras5 libstdl1.2debian libvncserver1 virtualbox
  virtualbox-dkms virtualbox-qt
0 upgraded, 8 newly installed, 0 to remove and 4 not upgraded.
Need to get 24.5 MB of archives.
After this operation, 108 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://in.archive.ubuntu.com/ubuntu xenial-updates/main amd64 dkms all 2.2
.0.3-2ubuntu1.6 [66.3 kB]
Get:2 http://in.archive.ubuntu.com/ubuntu xenial/universe amd64 libgsoap8 amd64
2.8.28-1 [210 kB]
```

Figure 1: Installing oracle virtualbox in native OS.

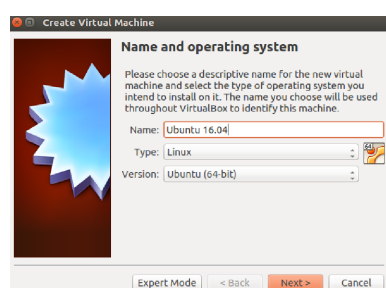


Figure 2: Selecting the operating system flavour as Ubuntu 16.04 in guest OS instance.

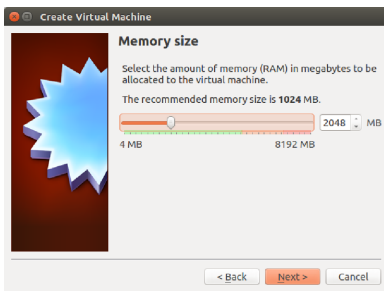


Figure 3: Selecting the required RAM memory space for the VM instance.

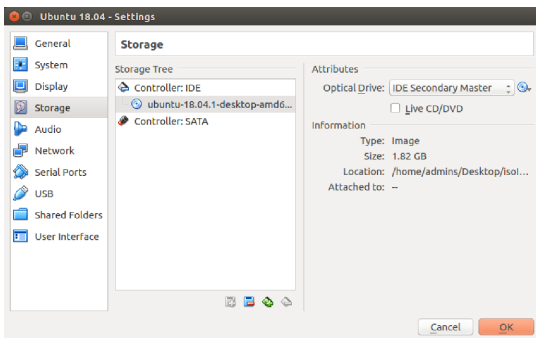


Figure 4: Figure shows the another message box for storing image in *eps* format

```
\begin{figure}[h]
\includegraphics[scale=0.25]{fig1.eps}
\caption{Image Stored in \textit{eps} format}
\label{fig:6}
\end{figure}
```

Here you can file name is changed to `\textit{png}` to `\textit{eps}`.

When using `\textit{png}` image - compile using this option `\textit{PdfLatex + View PDF}`

When using `\textit{eps}` image - compile using this option `\textit{latex + dvips + ps2pdf + View PDF}`

Result

Thus the C program to convert the equivalent value of rupees entered in digits to words is written and executed successfully.

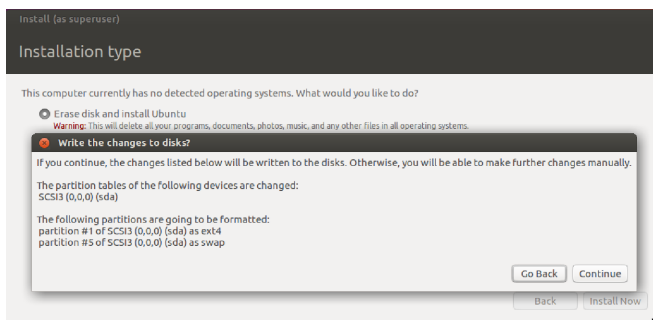


Figure 5: Image Stored in *eps* format