

# Applets



By

Dr M. Senthilkumar  
Assistant Professor

Department of Computer Science  
Government Arts and Science College, Avinashi - 641654

# Applets

- ✓ Tiny Programs
- ✓ Used in Internet Programming
- ✓ Can be transferred over Internet
- ✓ Can be run using Appletviewer
- ✓ Can be run Java-enabled browsers

# Applets - Functions

- ✓ Perform Arithmetic Operations
- ✓ Display graphics
- ✓ Play Sounds
- ✓ Accepts User Inputs
- ✓ Create Animations
- ✓ Play Interactive Games

# Applets - Internet

- ✓ Web Servers contains Web Pages
- ✓ Web page contains Text, Image, Audio, Video, Animated and Graphical contents
- ✓ Web page may contain Applets which produces Sounds, Graphics and Moving images

# Applets – Local and Remote

## ✓ Local Applets:

- ✓ Applets that are written and stored locally
- ✓ Applets are embedded into a Web Page
- ✓ Does not require Internet Connection

## ✓ Remote Applets:

- ✓ Applets can be downloaded from Remote Machine
- ✓ Applets are embedded into a Web Page
- ✓ Internet Connection is required

# Applets – Java Applications

- ✓ Applets do not use main method( )
- ✓ Applets can not run independently
- ✓ Applets are run from inside a HTML page using  
`<APPLET>` tag

# Applets – Java Applications

- ✓ Applets can't read from or write to files in local computer
- ✓ Applets can't communicate other servers on the network
- ✓ Applets can't run any program from local computer
- ✓ Applets are restricted to use libraries from C / C++
  - ✓ But Java supports to use libraries from C / C++ using native methods

# References

- ✓ Programming with Java – A Primer - E. Balagurusamy, 3rd Edition, TMH



Thank You