

NETWORKING

1. You want to send an email message to user@example.com from your java program using a platform-specific tool external to java runtime environment.

Referring to the scenario above, which method call of Desktop do you use?

- a. `send(new URI("mailto:user@example.com"))`
 - b. `open("x-application/email","user@example.com")`
 - c. `sendto("user@example.com")`
 - d. `opendesktop:mailto("user@example.com")`
 - e. `mail(new URI("mailto:user@example.com"))`**
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2. Which statement returns the IP address of www.example.com?
 - a. `InetAddress ip= InetAddress.getByName("www.example.com");`**
 - b. `InetAddress ip= InetAddress("www.example.com");`
 - c. `InetAddress ip= System.resolveHostByName("www.example.com");`
 - d. `String ip= InetAddress.DNSLookup("www.example.com");`
 - e. `InetAddress ip=Socket.DNSLookup("www.example.com");`
 3. Which classes does java provide for networking applications beyond the URL and URLConnection classes offer?
 - a. Network and NetworkConnector
 - b. Connect and Connector
 - c. Socket and ServerSocket**
 - d. Application and ApplicationSocket
 - e. System and SystemConnect
 4. Which line of code returns the HTML text of the root webpage at www.example.com?
 - a. `Object content = new URL("http://www.example.com").readObject();`
 - b. `Object content = new URL("http://www.example.com").getContent();`**
 - c. `HTMLDocument doc = HTMLDocument.create("http://www.example.com");`
 - d. `Integer content = URL.get("http://www.example.com").getContent();`
 - e. `String content = new FileInputStream("http://www.example.com").read();`

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5. Which code segment listens for a socket connection?
- a. `Socket socket = new Socket();`
 - b. `Socket socket = SocketImpl.listen(8080);`
 - c. `Socket socket = HttpURLConnection.open(8080);`
 - d. `Socket socket = (new ServerSocket(8080)).accept();`**
 - e. `Socket socket = (new MulticastSocket(8080)).joinGroup();`
6. You want to manage the cookies that are sent and received for a series of successive network connections during a session-oriented web connection.
- Based on the scenario above, which code sequence do you use to install the CookieHandler for a specific URL connection?
- a. `String urlString = ... URL url = new URL(urlString);`
`URLConnection connection = url.openConnection();`
`connection.setCookieHandler(new CookieManager());`
 - b. `String urlString = ... URL url = new URL(urlString);`
`url.setCookie(new CookieManager());`
`URLConnection connection = url.openConnection();`
 - c. `String urlString = ...`
`System.setDefaultCookieHandler(new CookieManager());`
`URL url = new URL(urlString);`
`URLConnection connection = url.openConnection();`
 - d. `String urlString = ...`
`Toolkit.getDefaultToolkit().setDefaultCookieHandler(new CookieManager());`
`URL url = new URL(urlString);`
`URLConnection connection = url.openConnection();`
 - e. `String urlString = ...`**
`CookieHandler.setDefault(new CookieManager());`
`URL url = new URL(urlString);`
`URLConnection connection = url.openConnection();`