

Department of Computer Science and Engineering

COURSE WRAPUP ASSIGNMENT

Name : Esraful Haque Piyal

ID : 201013063

Course Name : CSE 101

Section : 4

Conducted by-

(Mr. Satyaki Das)

#TASK 1

to a large number of people around the world. Also helps us to create friend from different country.

The computers in military have been designed to de la lot more me complex or hard calculations or work. In intelligence, super computers much needed so that It can handle smart or complex works such as weapons management or other military works.

TASK 2

W Abaws: Abacus is known as the first mechanical calculating device.

Addition and subtraction can easily be done by this.

9t's also called as counting frame. 9t used to be in use in mostly in Europe, China and Russia. The exact oxigin

W Altair 8800: Altair 8800 was the beginning of personal computer. It was a micro-computer designed in 1974

10 Th 1/2 air hab 10100 tha

of Abacus is still uhknown.

The Macintosh: The Macintosh was the first personal computer fearthning with amouse and a graphical user infertace (GUI), It also introduced us to icons.

(a)
$$(DEAD)_{16} = (????)_{8}$$

$$B = 11$$

$$C = 12$$

$$13 \times 16^{3} = 53248$$

$$14 \times 16^{2} = 3584$$

$$10 \times 16^{1} = 16$$

$$13 \times 16^{0} = 13$$

11 11 1h

15 7255

(a)
$$(DEAD)_{16} = (????)_{8}$$
 $D = 10$
 $D = A$
 $D = 12$
 $D = 13$
 $D = 14$
 $D = 14$

612 9 11/18 - 51/1

$$\frac{001}{1} \frac{161}{5} \frac{111}{7} \frac{61010110}{1} \frac{10}{1}$$

1. (DEAD)16 = (157255)8 Am

$$(12)_{10} = 2\frac{112}{2\overline{13}} = 0$$

$$2\overline{13} = 1$$

: (12.34)10=(1100.01010111)2

$$[0.34)_{10} = 0.34 \times 2 = 0.68 - 0$$

$$0.68 \times 2 = 1.36 - 1$$

$$0.36 \times 2 = 0.72 - 0$$

$$0.72 \times 2 = 1.44 - 1$$

$$0.44 \times 2 = 0.88 - 0$$

$$0.88 \times 2 = 1.76 - 1$$

$$0.76 \times 2 = 1.52 - 1$$

$$0.52 \times 2 = 1.04 - 1$$

$$0.04 \times 2 = 0.08 - 0$$

$$0.08 \times 2 = 0.16 - 0$$

$$0.16 \times 2 = 0.32 - 0$$

$$0.32 \times 2 = 0.64 - 0$$

(a)
$$(1001)_2 + (1011)_2 \longrightarrow (10100)_2 \text{ pm/}$$

$$\frac{1000}{1000}$$

 $(10111)_2$

井TASK-5 W Engonomics: Ergonomics is a field of study that afternpts to reduce Strain, fatigue, and injuries by improving product des ign and workespace arrangement. Many people spends hours in from of a computer without thinking about the impact of their bodoes. They physically stress their bodies daily without realizing it. It can cause back pain as well as senious ballebone pain. g would suggest people to take. neguler break and eorganomics execusive to prevent Ropetitive

Strain Injury (RSI).

TASK6

@ Egocontru'c Environment: First presson vision where the user is immensed in the visual scenario

Example: Using a VR Heidset

Br Exocentoric: When Us Oser is placed in the moom with giant cereen

Erample: Prajectors or cinema boll.

By Pull technology refers to dients that make request to server.

Example: A web browse request a web page

w Push technology neters to servers that initial information updates to clients.

Example: Mobile APP Notifications or instant messages that typically pushed to clients.

O Software as a Service (Saas): Software as a Service (Saas) allows users to connect to and us cloud -based apps over the internet. Saas provide complete software solution which you purchase on a pay-as-you-go basis from a Cloud service provider. Trample: Microsof office 365, Avast Antivirus.

Nirtual Reality: Virtual Reality is a simulated experience that can be similar to or completely different similar to or completely different from real world.

Example: Taking real world simulation garing through VR headset.