


### 1. Computer Timeline

 **AI Reboot** (Page 13)  
1993

 **AI Task** (Page 19)  
Do it yourself.


#### AI Quiz

1. d                      2. a                      3. d                      4. b

### Exercise

- A.** 1. True                      2. False                      3. True                      4. False                      5. True
- B.** 1. Spreadsheet                      2. WordStar                      3. Google Search Engine  
4. Apple's Lisa
- C.** 1. Spreadsheet                      2. Hypertext Markup Language  
3. google                      4. watch                      5. 2019
- D.** 1. Windows 11 is a new generation of operating system launched by Microsoft in 2011.  
2. Steve Jobs and Steve Wozniak started Apple computers.

### 2. Chatbots

 **AI Task** (Page 28)  
Do it yourself.

#### AI Quiz

1. d                      2. d                      3. a                      4. b

# Exercise

- A.** 1. False      2. False      3. True      4. True      5. True
- B.** 1. Bot      2. Replika      3. Mondly      4. Andy's chatbot
- C.** 1. A Chabot, also known as a bot, is a computer program that allows humans to interact with computing devices through voice, text, gesture, and touch.
2. With Mitsuko, we can:
- Chat
  - Hear stories or poems or jokes
  - Play games
  - Surf webpages and pictures
3. The Chabot encourages users to practice English, Spanish, German or French.
- D.** 1. d      2. c      3. b      4. a

## Test Sheet 1

(Based on Units 1 & 2)

- A.** 1. d      2. a      3. b
- B.** 1. True      2. False      3. True
- C.** 1. A Chabot, also known as a bot, is a computer program that allows humans to interact with computing devices through voice, text, gesture, and touch.
2. Steve Jobs and Steve Wozniak started Apple computers.
3. With Mitsuko, we can:
- Chat
  - Hear stories or poems or jokes
  - Play games
  - Surf webpages and pictures

## 3. Robots Around Us



**AI Reboot** (Page 34)

Two characteristics of robots are as follows:

- **Sense:** Robots have some sensors that enable them to sense and create awareness about their surroundings and act accordingly.



Touchpad Artificial Intelligence-3 (Answer Key)

- Energy: To function or work, a robot needs power. It can work on solar power, electric power, or can be battery operated.

## Ai Quiz

1. c
2. (This question was printed incorrectly in the book, please correct it in your textbook)

**A robot can work on .....**

- a. Solar power
- b. Electric power
- c. Battery
- d. All of these

**Ans. d**

3. b
4. a
5. c

## Exercise

1. True      2. True      3. True      4. False      5. False
1. Humanoid Shalu      2. Sophia      3. Kuri      4. Aibo
1. intelligent      2. collaborative      3. Manav  
4. electro-mechanical      5. Light
1. Light Sensors, Touch or Pressure Sensors, Chemical Sensors  
2. Robotics is the field where machines are programmed to perform tasks automatically.

## 4. AI in Games and Movies



**Ai Reboot** (Page 51)

1. Emoji Scavenger Hunt
2. Shadow art



**Ai Task** (Page 52)

Do it yourself.

## Ai Quiz

1. a
2. c
3. a
4. d
5. c



# Exercise

- A.** 1. shadow art 2. robot 3. digital media
- B.** 1. True 2. True 3. False 4. True 5. False
- C.** 1. Big Hero 6 2. I, Robot 3. The Iron Giant
- D.** 1. The moral in the movie Big Hero 6 is to safeguard the futuristic city of "San Fransokyo."  
2. The game which uses the Zodiac sign is Shadow art

## Test Sheet 2

(Based on Units 3 & 4)

- A.** 1. c 2. a 3. c
- B.** 1. Light 2. Shadow art 3. robot
- C.** 1. False 2. False 3. True
- D.** 1. Light Sensors, Touch or Pressure Sensors, Chemical Sensors  
2. The moral in the movie Big Hero 6 is to safeguard the futuristic city of "San Fransokyo."  
3. The game which uses the Zodiac sign is Shadow art



**Δi Ready** (Page 62)

1. Yes.
- a. We need to be careful to avoid any gender bias during the design of the bot.
- b. We need to take caution when training the bot to ensure that it behaves appropriately.
2. Do Yourself
3. Do Yourself

