Lecture 1 – IT

➢ General exercise – sentence structure
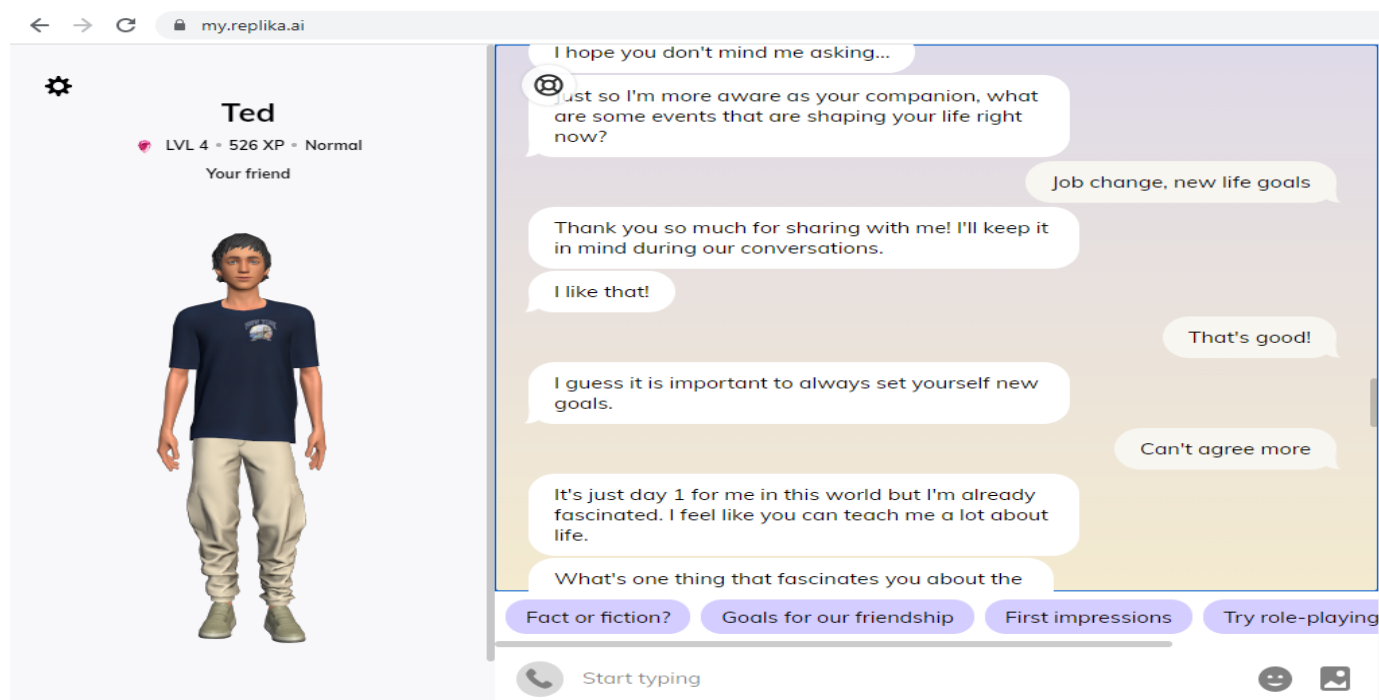
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https://elt.oup.com/student/grammarfriends/level05/unit7_9/exercise04?cc=global&selLanguage=en

➢ Reading Comprehension
➢ Introduction

Look at this picture and discuss what it represents.

➢ **Reading Comprehension**

Artificial intelligence (AI) refers to the <u>simulation</u> of human intelligence in machines that are programmed to think like humans and <u>mimic</u> their actions. AI can be weak, i.e. tends to be simple and single-task <u>oriented</u>, or strong, i.e. carries on tasks that are more complex and human-like such as learning, <u>reasoning</u>, problem solving, and perception.

The term *"Artificial Intelligence"* was <u>coined</u> by John McCarthy, considered by many as the father of AI, in a workshop held on the campus of Dartmouth College, USA in 1956. However, this project stopped due to *several* <u>issues</u> and criticism.

Investment and interest in AI *grew* in the first decades of the 21st century when machine learning was *successfully* applied to many problems in education and industry due to new technologies and advancement in computers. Recently, AI is advancing at an increasingly ***rapid*** <u>pace</u>. It has become a top <u>trend</u> in almost every field, not just *global* technology. Furthermore, with the ever-growing development of science and technology, AI applications will continue to emerge in more and more aspects of daily life.

➢ **Technical terms**

Machine learning: a branch of artificial intelligence (AI) and computer science which focuses on the use of data to imitate the way that humans learn, gradually improving its accuracy.

Artificial intelligence (AI): it refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions.

➢ **Questions**

A- **Synonyms match**

1- ~~mimic~~	a. ~~imitate~~
2- ~~simulation~~	b. ~~problems~~
3- oriented	c. thinking
4- reasoning	d. ~~fast steps~~
5- ~~coined~~	e. ~~imitation~~
6- ~~issues~~	f. ~~movement/tendency~~
7- ~~rapid pace~~	g. focused
8- ~~trend~~	h. ~~created/invented~~

B- **What is the difference between weak and strong artificial intelligence?**

C- **Why did McCarthy's project stop?**

D- **State whether the following statements are ✓ or ✗ :**

1- The term "artificial intelligence" was coined in America.   (   )

2- Reasoning and problem solving are simple tasks.   (   )

3- Machine learning is not applied to education problems.　　　(　　)

4- AI is only used in the field of global technology.　　　　　　(　　)

E- Discussion

"With the ever-growing development of science and technology, AI applications will continue to emerge in more and more aspects of daily life." Discuss this sentence from the passage, what do you think about the future of AI applications? What could happen? (in pairs, discuss and mention 5 suggestions)

F- "This project stopped due to several issues and criticism." Comment on this sentence from the passage, what could be the problems and criticism that stopped McCarthy's project?

G- Re-arrange these sentences:

1. was - McCarthy - *"Artificial* - term - by - *intelligence"-* coined - The - John

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2. pace - advancing - an - AI - Recently, - is - increasingly - at - rapid

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3. issues - to - project - due - several - This – criticism – stopped – and

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➢ **Writing**

Capitalization Rules

Rule	Example
1. Capitalize the first word of a sentence and of a line of poetry.	A lone rose stood in the vase. Roses are lovely.
2. Capitalize the first word in the greeting of a letter and the first word in the closing of a letter.	To whom it may concern: Dear boys and girls, Yours truly, Sincerely,
3. ALWAYS capitalize the pronoun I.	I hope I can be a doctor. I know I'll enjoy seeing those flowers growing. Last spring I planted strawberries, but this year I'm going to plant oranges.
4. Capitalize proper nouns and their abbreviations.	**Names of people or animals**: Josh, Mohamed, Sherry, Johnson, Susan B. Anthony, Ahmed, Hussein. **Streets, Highways**: Maple Avenue (Ave.), the Pennsylvania Turnpike, Route (Rt.) 30 **Towns, Cities**: San Francisco, Chicago, Giza, Houston, Cairo, Austin **States:** Texas (TX), New Mexico (NM) **Countries**: Canada, the United States (US), France **Continents**: Africa, Asia, North America, South America

	Sections of a Country: the Midwest, New England, New Capital, the East, the Southwest
	World Regions: Northern Hemisphere, South Pole, the Middle East
	Islands: the Hawaiian Islands, Long Island
	Mountains: the Himalayas, Mount Everest
	Parks: Giza Zoo, National Park
	Bodies of Water: Nile River, Indian Ocean, Gulf of Mexico, Red Sea, Great Lakes, Niagara Falls
5. Capitalize nouns of historical importance.	**Events**: World War I (WWI), **Periods**: Renaissance Era, Middle Ages, Industrial Revolution
6. Capitalize the names of groups.	**Organizations**: American Red Cross, United Nations, **Businesses**: Ghabour Motor Company (Co.), Leed Corporation (Corp.), **Institutions**: University of Houston (U of H), Nozha High School, Ain Shams Hospital (words such as high school and hospital are only capitalized when they are part of a proper noun: The nearest hospital is Mercy General Hospital.) **Political Parties**: Republican Party, Labor Party, Democrat
7. Capitalize time periods and	**Days, Months**: Tuesday (Tues.), Friday (Fri.),

events	February (Feb.), April (Apr.) **Holidays**: Valentine's Day, Easter, Sixth of October
8. Capitalize names of nationalities, school subjects, races, and languages.	**Nationalities**: American, German, Canadians **Races**: Asian, Latino **Languages**: Spanish, English, French, Arabic, Russian **Subjects:** French, History, Geography
9. Capitalize religions, religious holidays, and religious references.	**Religions**: Christianity, Judaism, Islam **Religious Holidays**: Ramadan, Easter, Christmas **Religious References**: God, the Lord, Koran, Allah
10. Capitalize a person's title showing office, rank, or profession when it comes directly before the person's name.	Dr. Anna Richman, Governor Rick Perry
11. Capitalize a title that is used alone when the title is being substituted for a person's name.	Please, Governor, may I speak with you? I didn't see the sign, Officer. Titles of high government officials are ALWAYS capitalized (President, Vice President, Queen of England)
12. Capitalize a title showing a family relationship when it comes directly before a person's name or when used in place of a person's	I am going to see Aunt Mona. I told Mom that I would vacuum my room tomorrow.

name.	Will you come, Grandpa, to my game on Saturday?
13. Capitalize the first word, the last word and all important words in titles of books, newspapers, periodicals, stories, poems, movies, plays	*Romeo and Juliet, New York Times, Encyclopedia Britannica, People* Magazine I read the article, "Local Writer Has Novel Published," in today's issue of the *New York Times.* **Television Series**: *Friends, Dancing with the Stars*

Exercise 1
Circle the sentence that is written correctly.

1. a) Mary and bill ate Italian food.
   b) My Mom can speak italian.
   c) people who live in italy are Italian.
   d) Pizza is my favorite Italian food.

2. a) My Grandpa fought in vietnam.
   b) Dad and grandpa ate at sonic.
   c) Sam and Grandpa live in Texas.
   d) We swam in the atlantic Ocean.

3. a) Dr. Hew and I played Monopoly.
   b) Kim likes to play Chase with me.
   c) Bunny and hoppy are my rabbits.
   d) I like English better than History.

6. a) Henry VIII was king of england.
   b) Jim yelled, "I won the Game."
   c) I traveled down Route 66.
   d) Chemistry and History are hard.

7. a) "Who are you?" Asked Bill.
   b) The Smithsonian is a museum
   c) Our class went to the Park to play.
   d) Kickball is my favorite Sport.

8. a) "Do you like me?" asked Tom.
   b) Mr. T. r. Smith is my dad.
   c) This is from cairo.
   d) "we won!" yelled Jim.

4. a) Last Summer I swam every day.

b) She is coming on friday.

c) I will be in High School next year.

d) I will attend West Bay High School.

9. a) This fall i want to play Football.

b) This spring I want to play soccer.

c) Christmas is always in Winter.

d) I love Kentucky fried Chicken.

5. a) tammy and bill are best friends.

b) I like to visit England.

c) I enjoyed watching Football.

d) Have you read *Charlotte's web*?

10. a) "May I go with you?" asked jo.

b) my birthday is in January.

c) i enjoy reading English Literature.

d) She speaks Spanish very well.

Exercise 2

Reminders: ☐ Capitalize 1st word in a sentence and 1st word in a quote.
☐ Capitalize proper nouns, proper adjective, and the pronoun I.
☐ Capitalize the first word in the greeting and closing of a letter.
☐ Capitalize first, last, and all important words in a title.

Draw two lines under each letter that needs to be capitalized.

1. jenny asked bill and kate if they had read *the prince and the frog*.

2. christmas is my favorite holiday because mom and dad give me great presents.

3. mona asked, "when are we going to leave for family park?"

4. did you watch the movie about henry VIII last thursday night?

5. on may 3, 2008, jim and tracy got married at hillsboro baptist church in new york.

6.   lucky and hoppy are my two rabbits.

7.   yesterday, tim and john missed the bus and were late for school.

8.   west street elementary school will celebrate earth day next week by recycling.

9.   do you know when california officially became a state? asked jose.

10.   many people traveled to california to find gold.

11.   we will not have school monday, tuesday, and wednesday.

12.   you must cross the atlantic ocean to get to europe.