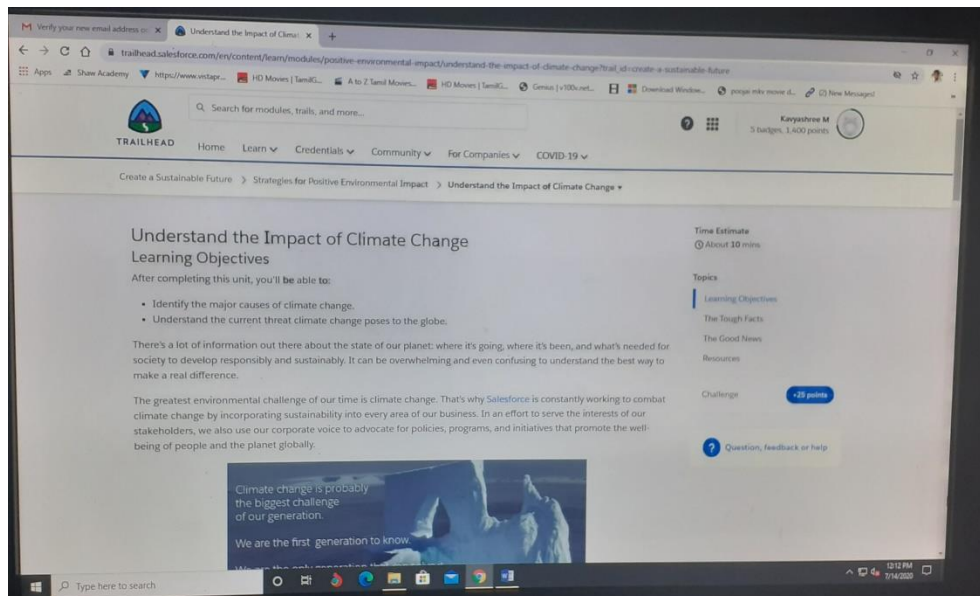


# DAILY ASSESSMENT

Date:	14-7-2020	Name:	Kavyashree m
Course:	salesforce	USN:	4a115ec036
Topic:	Create a sustainable future	Semester & Section:	8 <sup>th</sup> A
Github Repository:	kavya		

## FORENOON SESSION DETAILS



## Understand the Current Global Policy Landscape

After completing this unit, you'll be able to:

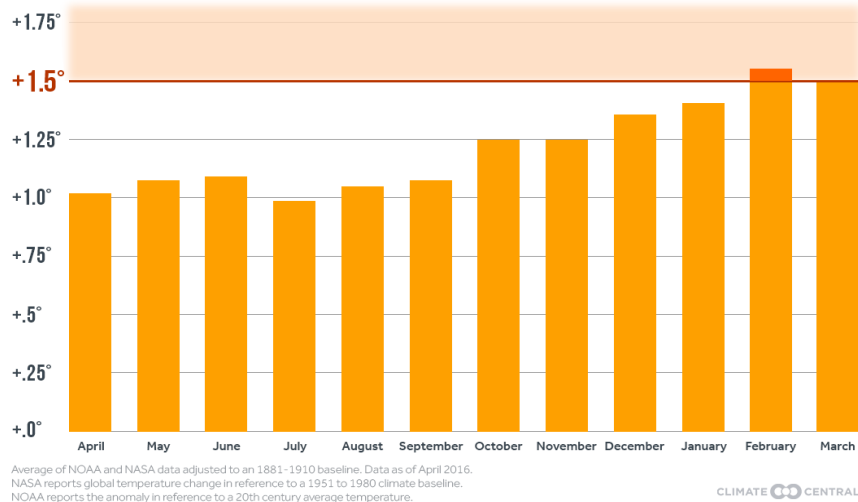
- Describe the Paris Climate Agreement.
- Explain how governments of all types are combating climate change.

## Global Concern Results in Landmark Paris Climate Agreement

Seven in ten Americans believe global warming is happening. In one study of 38 countries, 61 percent of people listed climate change as a major threat to the future of their country. Given the widespread acknowledgement of climate change as a critical, global concern, you may be wondering what action our governing bodies are taking to reverse it. In December 2015, 195 countries reached an exciting landmark agreement to reverse climate change and to accelerate and expedite the actions and increase the investments needed for a sustainable, low-carbon future. The Paris Agreement's central aim was to limit global temperature increases to below 1.5 degrees Celsius.

### On the Edge of 1.5°C

Global monthly temp anomalies referenced to 1881-1910 baseline



## Meeting the Commitments of the Paris Agreement

The 2015 gathering in Paris made world history, solidifying the belief that climate change is a global issue that transcends borders. As such, it charts a new course in the global climate effort—committing nearly every country to positive action.

To reach the ambitious goals outlined in the agreement, participating countries agreed to:

- Adopt the Sustainable Development Goals as a roadmap to end poverty, inequality and achieve environmental sustainability by 2030.
- Provide adequate funding and resources to groups impacted by the effects of climate change, including developing countries.
- Innovate to adopt new technology frameworks that reverse global warming.

As you may know, the United States announced its intention to withdraw from the Paris Climate Agreement in 2017, a move which would formally take effect November 4, 2020. Yet, since this announcement, thousands of US cities, states, and businesses have been standing together, declaring with one voice that America is “still in” on addressing climate change: specifically 3,637 leaders from all 50 states representing 154.6 million people, totaling 9.46 trillion in GDP. On a global scale, nearly 100,000 inspiring and impactful climate actions from more than 14,000 subnational and non-state actors have been recorded.

In December 2018, leaders convened in Poland for COP24, the 24th Conference of the Parties to the United Nations Framework Convention on Climate Change, or the “UN climate talks.” The intention of COP24 was for countries to now come to agreement on the “rulebook” necessary to operationalize the Paris Agreement, signal their intention to strengthen their national climate plans by 2020, and make progress on questions around finance. Despite early setbacks in negotiations, delegates were able to achieve the gathering’s main objective: a rulebook for putting into practice the Paris agreement of 2015, which commits the world to keeping global warming “well below” 2°C relative to pre-industrial times, and preferably within 1.5°C. Even the United States, which earlier had threatened to derail the whole process by questioning the climate science, agreed to the deal.

### **Local Governments Leading the Charge**

States, cities, and counties are leading the charge to make their communities more climate resilient, through investments in green infrastructure,

ambitious renewable energy commitments, and efforts to reduce carbon pollution. The Global Covenant of Mayors for Climate & Energy is the largest global platform for sharing and building on climate action in cities, with more than 9,000 cities represented globally. Signatories commit to reducing greenhouse gas emissions, enhancing resilience to climate change, and tracking their progress in an open, transparent way that fosters learning among peers. Across the United States, over 100 cities have already adopted ambitious 100 percent clean energy goals. More than two-thirds of the top Global 300 Cities by GDP Purchasing Power Parity (GDP PPP) are committed to climate action, representing \$36.8 trillion USD.



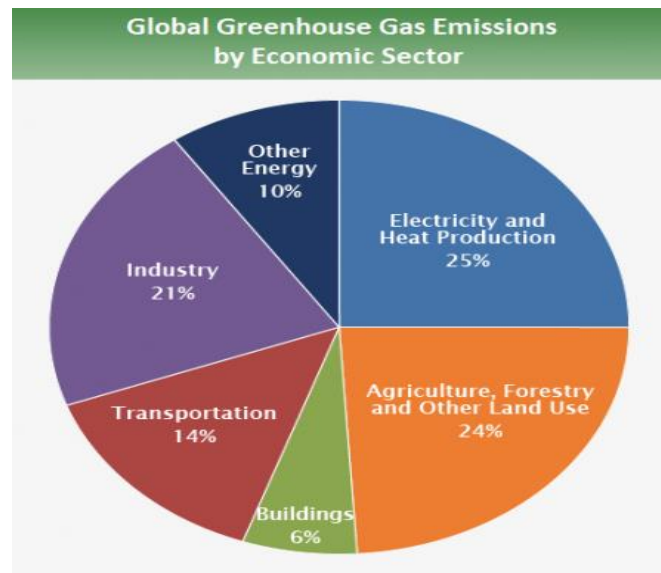
### **Salesforce Stance**

Following the United States decision to leave the Paris Agreement, Salesforce issued a statement reaffirming our commitment to reducing the impact of climate change by reaching net-zero greenhouse gas emissions, delivering a carbon neutral cloud, and sourcing 100 percent renewable energy. As natives to San Francisco, we're proud to have partnered with other businesses, organizations, and governments to highlight global climate solutions at the Global Climate Action Summit in September 2018.

In the next unit, we will talk more about business' role in addressing climate change and the areas with the biggest opportunity for impact.

## Natural Resources Are Important for Business

Why are businesses leading the charge to protect the environment? It's because businesses need both human and natural capital to succeed over time. Growing in a financially and environmentally sustainable way makes companies better able to navigate an ever changing world. This is nothing new. Businesses have always relied on natural resources. Water wheels powered ancient Roman grain mills, providing food for an entire civilization. Coal-fueled steam engines helped develop our transportation sector. And somehow grape harvesting turned into an entire wine industry. Today, the connection between products and the natural environment may feel less obvious. (Did you know that binge watching online TV also has an environmental impact?)



Expectations from Key Stakeholders Are Also Changing

### Investors

The investor community has been pressuring companies to increase transparency and action on environmental, social, and governance (ESG) initiatives. The latest example is Blackrock CEO, Larry Fink's letter to CEOs. He states: "To prosper over time, every company must not only deliver financial performance, but also show how it makes a positive contribution to society. Companies must benefit all of their stakeholders,

including shareholders, employees, customers, and the communities in which they operate.”



That’s why Salesforce signed onto the Task Force on Climate-Related Financial Disclosures to increase transparency and provide information to investors, lenders, insurers, and other stakeholders. One example of this commitment is the annual release of Salesforce’s Stakeholder Impact Report.

## **Customers**

Customers too have been increasingly vocal, opting to purchase, and in some cases pay more for, products they can be certain are ethically produced. Organic, fair trade, local, and so on, have become familiar terms for every shopper. Purchases are no longer just transactional; now it’s about where products come from and the customer’s emotional connection to a brand. A new study by Cone found that 77 percent of Americans feel a stronger connection to purpose-driven companies over traditional companies.

## **Employees**

Employees are no different. We’re all competing for top talent. To be successful, we must acknowledge that today’s workforce feels pulled toward companies that have strong



values. In fact, 75 percent of millennials will take a pay cut to work at a purpose-driven, responsible company. While less pronounced, workers in other age groups also feel the same way (55 percent US average). By supporting the health and resilience of the communities in which they operate, businesses are listening to and supporting their stakeholders: their shareholders, customer base, and future workforce. Everyone, including business, benefits from a vibrant and healthy community and society.

## **Making an Impact**

At Salesforce, we're focused on making the biggest impact possible. We know there are many areas you can expend time and energy on to make a difference, so we're grateful for organizations and initiatives that have done the hard work in identifying the biggest areas for impact. With help from our friends at Planet Vision and Project Drawdown, let's examine four key areas: energy, food, water, and equality.



## **Reimagining Our Energy Systems**

Human use of energy particularly in the form of fossil fuels like coal, oil, and natural gas has a profound impact on the environment. Burning fossil fuels, paired with the effects of the clearing of tropical forests and some agricultural practices, releases tremendous amounts of greenhouse gases into the atmosphere. Greenhouse gases trap heat and lead

to more severe weather events and sea level rise around the world. Carbon dioxide, one of the most prevalent greenhouse gases, also dissolves in seawater, contributing to the ocean acidification currently wreaking havoc on marine life like corals and shellfish.



Our homes, schools, workplaces, and transportation systems represent enormous opportunities to reduce climate-changing greenhouse gas emissions by using energy more efficiently and shifting to safe, clean, and renewable energy sources.

At Salesforce, we are proud to deliver a carbon neutral cloud and operate as a net-zero greenhouse gas emissions company. We are committed to achieving 100% renewable energy by FY2022.

### **Eating Smarter**

What we eat and how we grow our food has a huge impact on the planet's landscapes, water resources, and climate. For example, agriculture already uses up about 40 percent of our planet's land area, drives 70 percent of our freshwater withdrawals worldwide, and produces over one-quarter of our greenhouse gas emissions. Reducing food waste is one of the biggest opportunities for sustainable growth. One third of the food we produce globally is never eaten, lost somewhere in the supply chains between farmers and consumers.





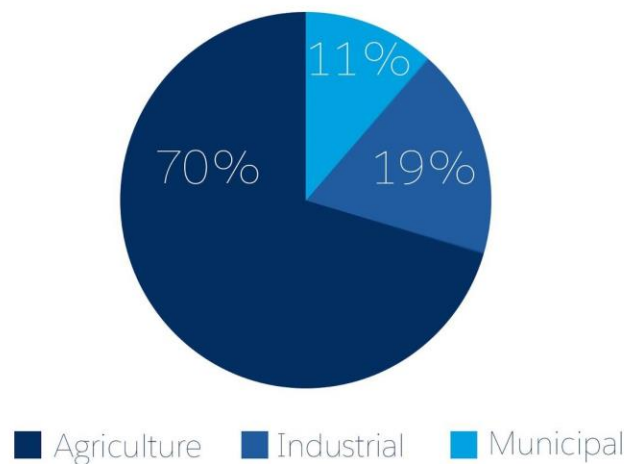
At Dreamforce 2018, Salesforce was proud to have saved 10 million gallons of water by eliminating beef from the menu for attendee lunch service. In addition, Salesforce donated leftover food to local charities whenever possible.

### **Protecting Our Fresh Water Systems**

Until recently, Earth's water flowed naturally, uninterrupted, and without pollution through river networks and groundwater systems connecting land to ocean. Now, humans operate tens of thousands of dams as well as countless wells that extract water from aquifers. These practices allow us to divert and extract massive amounts of water from their natural flows. This extraction often exceeds nature's ability to replenish water, leaving behind dried-up aquifers, rivers, and lakes in its wake and causing collapsed fisheries and widespread ecological devastation.



## Global Sum of All Water Withdrawals



The majority of the world's water withdrawals (about 70 percent) are used for growing food and animal feed, so reducing food waste and changing our diets are steps in the right direction. Another major way we indirectly consume water is through all of the things we purchase including new phones, clothes, disposable cups, water bottles, and more. It takes 700 gallons of water just to make your favorite cotton T-shirt! While it's difficult to control the water used to grow our food and make our stuff, we can think about reducing how much we buy.

Responsible water management is fundamental to ensuring long-term resilience of the world's most precious resource - water. Many of the areas we operate in are likely to experience increased water stress in the future because of the effects of climate change. That's why we have focused on tracking, analyzing and reducing our water footprint across our operations. But the journey doesn't stop there. By signing on to We Mean Business' Improve Water Security pledge, Salesforce has committed to the ongoing journey of responsible water management.

As our Salesforce Headquarters is located in California, we are especially conscious of water conservation in this region. The severe five-year drought in California between 2012 and 2016 was the driest and hottest on record, impacting cities and residents alike.

The state's agriculture industry took a huge hit during this time as one of the world's most precious resources water was drastically affected. We know that times of drought will one day return to this region. In January 2018, we announced that Salesforce will install a blackwater recycling system in Salesforce Tower which will reduce fresh water demand by 7.8 million gallons a year, helping the city of San Francisco and the community.

## **Saving the Oceans**

Our coastlines are under siege from the impacts of climate change. Rising sea levels and more powerful storms are shrinking and destroying our beaches. Pollution from fossil fuels is altering ocean chemistry and threatening marine life and whole ecosystems, with acidification most seriously affecting gilled marine animals. More than 5 trillion pieces of plastic pollution circulate in the oceans and enter marine food webs. By 2050, plastic in the ocean is expected to outweigh fish in the ocean.



The good news is that solutions to these problems are within our grasp.

Salesforce is proud to have collaborated with the Benioff Ocean Initiative at the Global Climate Action Summit to train 40 local middle-school teachers on climate and ocean science, enabling them to better teach these topics to their students.

## Cultivating Equality

Equal opportunities in education lay a foundation for vibrant lives for girls and women, their families, and their communities. It's also one of the most powerful levers available for avoiding emissions by curbing population growth. According to Project Drawdown, women with more years of education have fewer and healthier children, and actively manage their reproductive health. Education also shores up resilience and equips girls and women to face the impacts of climate change. They can be more effective stewards of natural resources and have greater capacity to cope with shocks from natural disasters and extreme weather events.



Sadly, there are currently economic, cultural, and safety-related barriers that impede 62 million girls around the world from realizing their right to education. Supporting initiatives that promote equal access to basic education represents a huge opportunity to curb population growth and reduce associated greenhouse gas emissions.

At Salesforce, equality is a core tenet of how we run our business. We believe that every child deserves a world-class education. That's why we've provided more than \$16 million to advance equal education globally.

## **You Can Make a Difference**

On an individual level, everything from your commute to work to what you put into the landfill to sending emails, and even watching funny cat videos, has an impact on the environment. Living and working sustainably is about choosing the alternatives that make that impact a positive one. This is an opportunity for us to work together to create a sustainable future.

Your voice matters. You can help drive this critical work. It's important that you spread the word about what people are doing to make a difference. Tell your colleagues, your housemates, or your family and be part of the change. Whether it's proposing a sustainability project to your company, making an environmental commitment, or volunteering with an environmental nonprofit, there are a million ways to join in.

At Salesforce, our green team, Earthforce, demonstrates the tangible impact of individual action. Earthforce is a group of more than 8,000 passionate employee volunteers dedicated to promoting and celebrating environmental responsibility at Salesforce. Earthforce members raise awareness around key issues such as energy conservation and efficiency, recycling and composting, responsible purchasing, low-carbon commuting, and much more. They also identify and support the implementation of solutions that help our company operate in a more environmentally sustainable way. In FY2019, Earthforce consisted of 40 teams globally, hosted 25+ Earth Day Celebrations and volunteered more than 20,000 hours.



Any organization can benefit from grassroots movements like Earthforce. We break down the five steps to creating a green team at any company.

Earthforce members also play a critical role at our company events. At this past year's Dreamforce, our Green Angel employee volunteers (over 150!), joined us to help attendees recycle and compost during lunch hours.

Our actions can create a ripple effect with our customers, partners, employees and their networks, governments, and communities around the world. So, how can we take individual actions to collectively make the world a better place? Let's revisit the four key areas we addressed earlier: energy, food, water, and equality.

## **Energy Actions**

Get smart about electricity. We all know we shouldn't leave the lights on when we're not using them. Take this one step further by switching your light bulbs to LEDs or compact fluorescents (CFLS). They use 75 percent less energy and last far longer! In addition, talk to your utility provider to see if they provide renewable electricity. You can



sometimes buy solar- or wind-powered electricity from them for a small extra fee with just a few clicks online.

Use smarter transportation. Drive or fly less. No matter what kind of car you drive, one of the best ways to reduce your greenhouse gas emissions is to drive less. Flying uses a lot of fuel. A single round-trip flight from Los Angeles to New York emits around a ton of carbon dioxide per passenger—equal to the amount an average American SUV driver emits in one month. In addition, opting for public transportation instead of driving can help embed mobility, livability, and sustainability in cities. When someone opts to ride a bus or subway rather than driving a car or hailing a cab, greenhouse gases are averted. Adjust heating and cooling systems. We know it can get cold, but space heating accounts for the majority of home energy use at a whopping 42 percent. Be mindful of your home's heating and cooling systems. In addition, insulate your living space; air leaking in and out of our homes wastes a lot of energy. Even in reasonably sealed homes, air leaks account for roughly one quarter of the wintertime heat we use.

### **Food Actions**

Shift your diet. The amount of meat and dairy we eat greatly impacts the environmental footprint of our diet. According to a 2016 study, business-as-usual emissions could be reduced by as much as 70 percent through adopting a vegan diet and 63 percent for a vegetarian diet, which includes cheese, milk, and eggs. If you do choose to eat red meat, shop organic or grass-fed if you can, and think about limiting your consumption.

Support sustainable farms and fisheries. We can help the environment by supporting more sustainable farming systems, including grass-fed beef that can help improve soil health and offset some of their greenhouse gas emissions by restoring carbon-rich grassland soils. When you're eating seafood, you can use the Monterey Bay Aquarium's Seafood Watch program that helps us choose seafood that's fished or farmed less impactfully.

Reduce food waste. In your home, at the store, at your favorite restaurant, and in the community, there's a huge opportunity to reduce the amount of food you waste. A third of the food raised or prepared does not make it from farm or factory to fork. Make and serve smaller portions. Stick to your grocery list. Reuse those leftovers. Give your extra food to other folks. Be especially mindful not to waste meat and dairy.



## Water Actions

Shift to Water-Smart Landscaping. Planting trees, shrubs, and other drought-friendly plants has plenty of benefits:

- Lower water bills.
- Reduced water use, maintenance, and plant disease.
- Deeper stabilizing roots and more groundwater recharge.
- Less polluted runoff out of local waterways.

Repair leaks. It seems like a given, but small leaks often go overlooked and lead higher water use and a more expensive utility bill. These common headaches can result in thousands of gallons of wasted water, bill increases, and potential property damage if not addressed promptly.

Update appliances. When it's time to replace old appliances because they can't be fixed or you're looking to update, look for energy and water efficient appliances with the EnergyStar® logo.

### **Equality Actions**

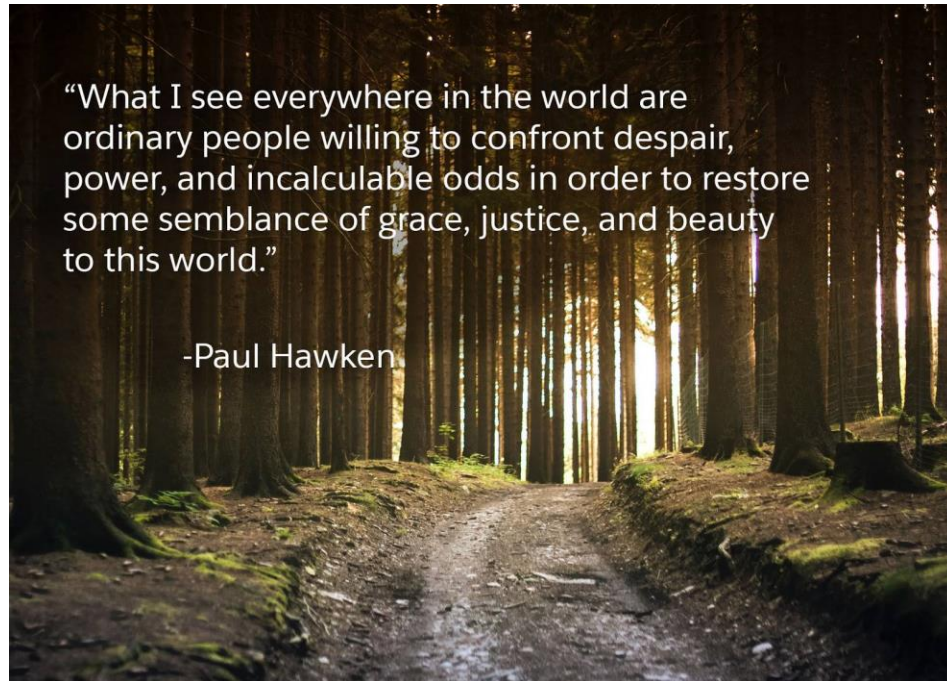
Support programs fighting for equal access to education. Education lays a foundation for vibrant lives for girls and women, their families, and their communities. To promote equal access to education, we can support programs and initiatives to make school affordable, help girls overcome health barriers, and make schools more girl-friendly.

Invest in organizations that provide resources on family planning. When family planning focuses on healthcare provision and meeting women's expressed needs, empowerment, equality, and well-being are the result.

We've also highlighted several organizations that offer additional tools and resources to empower your climate action.

- Project Drawdown offers 100 climate solutions ranging from electricity generation, food, buildings and cities, land use, transport, and materials, that will inspire action and give tangible ways to make a difference.
- The New York Times lists seven things you can do in your everyday life to reduce your individual contribution to climate change.
- California Academy of Sciences launched PlanetVision, which offers science-based actions individuals can take to lead us all to a more sustainable planet.
- The Story of Stuff helps you find ways to take action now by joining their latest campaigns, such as stopping plastic pollution. You can take the Story of Stuff "Change Maker Personality Quiz" to help give you ideas about how to take action.
- Greenpeace provides resource toolkits to lead you towards successful, impactful action around the world.

- Earth Overshoot Day is the date when humanity's annual demand on nature exceeds what Earth can regenerate over the entire year. The first Overshoot Day was two generations ago and it comes earlier each year. In 2018 it was August 1, the earliest date yet.



"What I see everywhere in the world are ordinary people willing to confront despair, power, and incalculable odds in order to restore some semblance of grace, justice, and beauty to this world."

-Paul Hawken

### **Next Steps on Your Sustainability Journey**

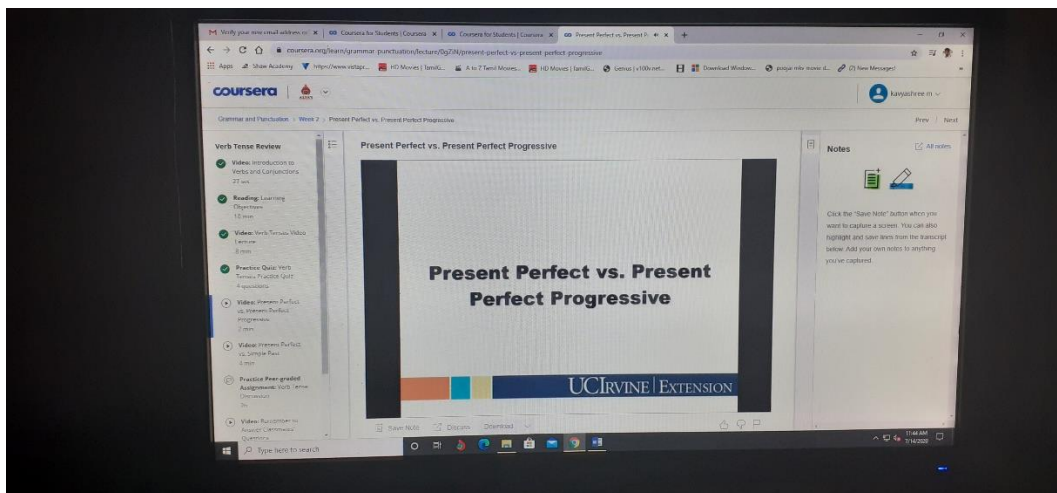
We understand that change doesn't come overnight, and we recognize that it cannot be done alone. Individuals, businesses, cities, governments, and policies must work together to overcome the issues that our communities face and drive a better, sustainable solution for the future.

Salesforce is committed to creating a world that is just and equitable, where everyone has equal access to clean air, water, and energy and we will continue to work towards the goals we've set forth. We hope that you're inspired by our sustainability journey, and motivated to make changes in your own life.

## AFTERNOON SESSION DETAILS

<b>Date:</b>	<b>14-7-2020</b>	<b>Name:</b>	<b>Kavyashree m</b>
<b>Course:</b>	<b>coursera</b>	<b>USN:</b>	<b>4al15ec036</b>
<b>Topic:</b>	<b>Present perfect vs present perfect progressive</b>	<b>Semester &amp; Section:</b>	<b>8<sup>th</sup> A</b>
<b>Github Repository:</b>	<b>kavya</b>		

Image of session



### Present perfect

The present perfect is a verb tense which is used to show that an action has taken place once or many times before now. The present perfect is most frequently used to talk about experiences or changes that have taken place, but there are other less common uses as well. Read on for detailed descriptions, examples, and present perfect exercises.

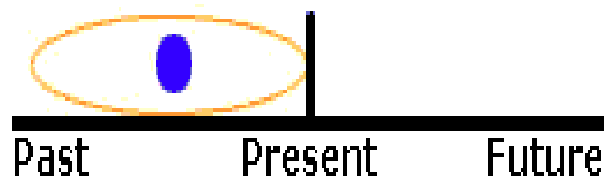
## Present Perfect Forms

The present perfect is formed using has/have + past participle. Questions are indicated by inverting the subject and has/have. Negatives are made with not.

- Statement: You have seen that movie many times.
- Question: Have you seen that movie many times?
- Negative: You have not seen that movie many times.

## Present Perfect Uses

USE 1 Unspecified Time Before Now



We use the present perfect to say that an action happened at an unspecified time before now. The exact time is not important. You CANNOT use the present perfect with specific time expressions such as: yesterday, one year ago, last week, when I was a child, when I lived in Japan, at that moment, that day, one day, etc. We CAN use the present perfect with unspecific expressions such as: ever, never, once, many times, several times, before, so far, already, yet, etc.

Examples:

- I have seen that movie twenty times.
- I think I have met him once before.
- There have been many earthquakes in California.
- People have traveled to the Moon.
- People have not traveled to Mars.
- Have you read the book yet?
- Nobody has ever climbed that mountain.



- A: Has there ever been a war in the United States?  
B: Yes, there has been a war in the United States.

### **How Do You Actually Use the Present Perfect?**

The concept of "unspecified time" can be very confusing to English learners. It is best to associate present perfect with the following topics:

#### **TOPIC 1 Experience**

You can use the present perfect to describe your experience. It is like saying, "I have the experience of..." You can also use this tense to say that you have never had a certain experience. The present perfect is NOT used to describe a specific event.

Examples:

- I have been to France.  
This sentence means that you have had the experience of being in France. Maybe you have been there once, or several times.
- I have been to France three times.
- You can add the number of times at the end of the sentence.
- I have never been to France.  
This sentence means that you have not had the experience of going to France.
- I think I have seen that movie before.
- He has never traveled by train.
- Joan has studied two foreign languages.
- A: Have you ever met him?  
B: No, I have not met him.

#### **TOPIC 2 Change Over Time**

We often use the present perfect to talk about change that has happened over a period of time.

Examples:

- You have grown since the last time I saw you.
- The government has become more interested in arts education.
- Japanese has become one of the most popular courses at the university since the Asian studies program was established.
- My English has really improved since I moved to Australia.

### **TOPIC 3 Accomplishments**

We often use the present perfect to list the accomplishments of individuals and humanity.

You cannot mention a specific time.

Examples:

- Man has walked on the Moon.
- Our son has learned how to read.
- Doctors have cured many deadly diseases.
- Scientists have split the atom.

### **TOPIC 4 An Uncompleted Action You Are Expecting**

We often use the present perfect to say that an action which we expected has not happened. Using the present perfect suggests that we are still waiting for the action to happen.

Examples:

- James has not finished his homework yet.
- Susan hasn't mastered Japanese, but she can communicate.
- Bill has still not arrived.
- The rain hasn't stopped.

## **TOPIC 5 Multiple Actions at Different Times**

We also use the present perfect to talk about several different actions which have occurred in the past at different times. Present perfect suggests the process is not complete and more actions are possible.

Examples:

- The army has attacked that city five times.
- I have had four quizzes and five tests so far this semester.
- We have had many major problems while working on this project.
- She has talked to several specialists about her problem, but nobody knows why she is sick.

### **Present perfect progressive**

The present perfect continuous (also called present perfect progressive) is a verb tense which is used to show that an action started in the past and has continued up to the present moment. The present perfect continuous usually emphasizes duration, or the amount of time that an action has been taking place. Read on for detailed descriptions, examples, and present perfect continuous exercises.

### **Present Perfect Continuous Forms**

The present perfect continuous is formed using has/have + been + present participle. Questions are indicated by inverting the subject and has/have. Negatives are made with not.

- Statement: You have been waiting here for two hours.
- Question: Have you been waiting here for two hours?
- Negative: You have not been waiting here for two hours.

## Present Perfect Continuous Uses

### USE 1 Duration from the Past Until Now



We use the present perfect continuous to show that something started in the past and has continued up until now. "For five minutes," "for two weeks," and "since Tuesday" are all durations which can be used with the present perfect continuous.

Examples:

- They have been talking for the last hour.
- She has been working at that company for three years.
- What have you been doing for the last 30 minutes?
- James has been teaching at the university since June.
- We have been waiting here for over two hours!
- Why has Nancy not been taking her medicine for the last three days?

### USE 2 Recently, Lately



You can also use the present perfect continuous WITHOUT a duration such as "for two weeks." Without the duration, the tense has a more general meaning of "lately." We often use the words "lately" or "recently" to emphasize this meaning.

Examples:

- Recently, I have been feeling really tired.
- She has been watching too much television lately.
- Have you been exercising lately?
- Mary has been feeling a little depressed.

- Lisa has not been practicing her English.
- What have you been doing?

## **IMPORTANT**

Remember that the present perfect continuous has the meaning of "lately" or "recently." If you use the present perfect continuous in a question such as "Have you been feeling alright?", it can suggest that the person looks sick or unhealthy. A question such as "Have you been smoking?" can suggest that you smell the smoke on the person. Using this tense in a question suggests you can see, smell, hear or feel the results of the action. It is possible to insult someone by using this tense incorrectly.

## **Non-Continuous Verbs/ Mixed Verbs**

It is important to remember that non-continuous verbs cannot be used in any continuous tenses. Also, certain non-continuous meanings for mixed verbs cannot be used in continuous tenses. Instead of using present perfect continuous with these verbs, you must use present perfect.

Examples:

- Sam has been having his car for two years. Not Correct
- Sam has had his car for two years. Correct

## **ADVERB PLACEMENT**

The examples below show the placement for grammar adverbs such as: always, only, never, ever, still, just, etc.

Examples:

- You have only been waiting here for one hour.
- Have you only been waiting here for one hour?