

C. Engineer Artem

Mauricio Carazas Segovia



Chinese remainder theorem



Here's what you'll find in this **Slidesgo** template:

- A slide structure based on a multi-purpose presentation, which you can easily adapt to your needs. For more info on how to edit the template, please visit **Slidesgo School** or read our **FAQs**.
- An assortment of graphic resources that are suitable for use in the presentation can be found in the **alternative resources** slide.
- A **thanks** slide, which you must keep so that proper credits for our design are given.
- A **resources** slide, where you'll find links to all the elements used in the template.
- **Instructions for use.**
- Final slides with:
 - The **fonts and colors** used in the template.
 - A selection of **illustrations**. You can also customize and animate them as you wish with the online editor. Visit **Storyset** to find more.
 - More **infographic resources**, whose size and color can be edited.
 - Sets of **customizable icons** of the following themes: general, business, avatar, creative process, education, help & support, medical, nature, performing arts, SEO & marketing, and teamwork.

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Problem tags



01
Chinese
remainder
theorem

02
Presentation

03
Our teachers

04
Conclusion

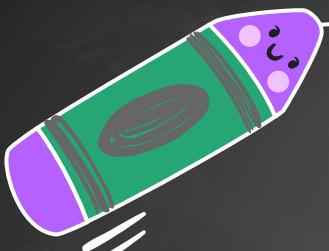




01 Introduction

You can insert here a subtitle if you need it

Maybe you need to divide the content



Mercury

Mercury is the closest planet to the Sun and the smallest one in the Solar System



Venus

Venus has a beautiful name and is the second planet from the Sun. It's terribly hot

Artem está construyendo un nuevo robot.

Tiene una matriz a que consta de n filas y m columnas. La celda ubicada en la i -ésima fila desde arriba y la j -ésima columna desde la izquierda tiene un valor $a_{i,j}$ escrito en ella.

$a(n \times m)$

i,j						

Si dos celdas adyacentes contienen el mismo valor, el robot se romperá. Una matriz se llama buena si no hay dos celdas adyacentes que contengan el mismo valor, donde dos celdas se llaman adyacentes si comparten un lado.

$$a(n \times m)$$

i,j						
			O			
	O	X	O			
		O				

- Artem quiere incrementar los valores en algunas celdas en uno para hacer un bien.
- Más formalmente, encuentre una buena matriz b que satisfaga la siguiente condición:

Para todos los (i, j) válidos, ya sea $b_{i,j} = a_{i,j}$ o $b_{i,j} = a_{i,j} + 1$.

Input

$T \rightarrow n$ de casos

La primera línea de cada caso de prueba contiene dos números enteros n, m ($1 \leq n \leq 100$, $1 \leq m \leq 100$) — el número de filas y columnas, respectivamente.

Cada una de las líneas siguientes contiene m enteros. El j -ésimo entero en la i -ésima línea es $a_{i,j}$ ($1 \leq a_{i,j} \leq 109$).

Output

Para cada caso, generan líneas, cada una de las cuales contiene m enteros.
El j -ésimo entero en la i -ésima línea es $b_{i,j}$.



Awesome words

Because key words are great for
catching your audience's attention



02 Presentation

You can insert here a subtitle
if you need it

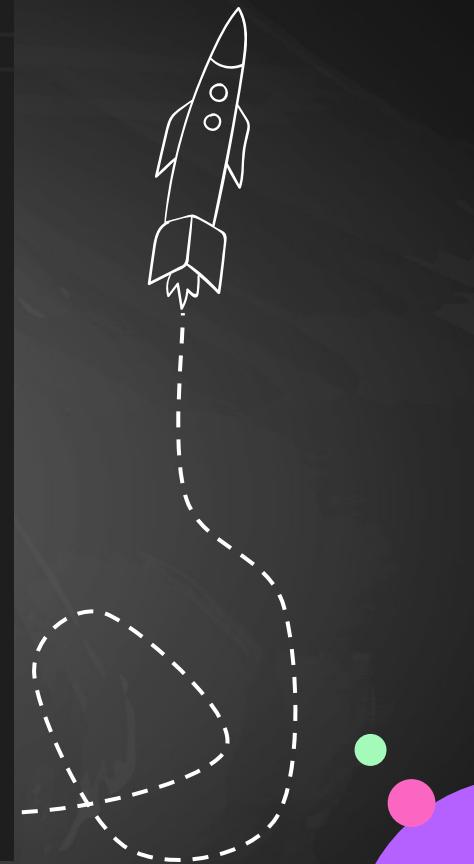




A picture
is worth a
thousand
words



```
4 int main(){
5     int T;
6     cin>>T;
7     while(T--){      // number of cases
8         int n, m;
9         cin>>n>>m; // n - number of rows, m - number of columns
10        for(int i = 1; i <= n; i++){ // (i,j), either bi,j=ai,j or bi,j=ai,j+1.
11            for(int j = 1; j <= m; j++){
12                int x;  cin>>x;
13                if((i+j)%2==0 && x%2==0){
14                    x++;
15                }
16                if((i+j)%2==1 && x%2==1){
17                    x++;
18                }
19                cout<<x<<" ";
20            }
21            cout<<"\n";
22        }
23    }
24    return 0;
25 }
```

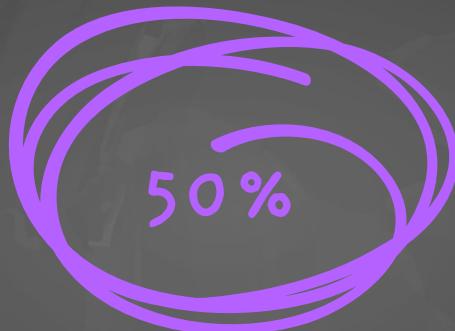


How about the percentages?



Mercury

Mercury is the closest planet to the Sun



Neptune

It is the farthest planet from the sun



Venus

It has a beautiful name, but it's very hot



A timeline always works fine

Mercury

Mercury is the closest planet to the Sun



Jupiter

It is the biggest planet in the Solar System

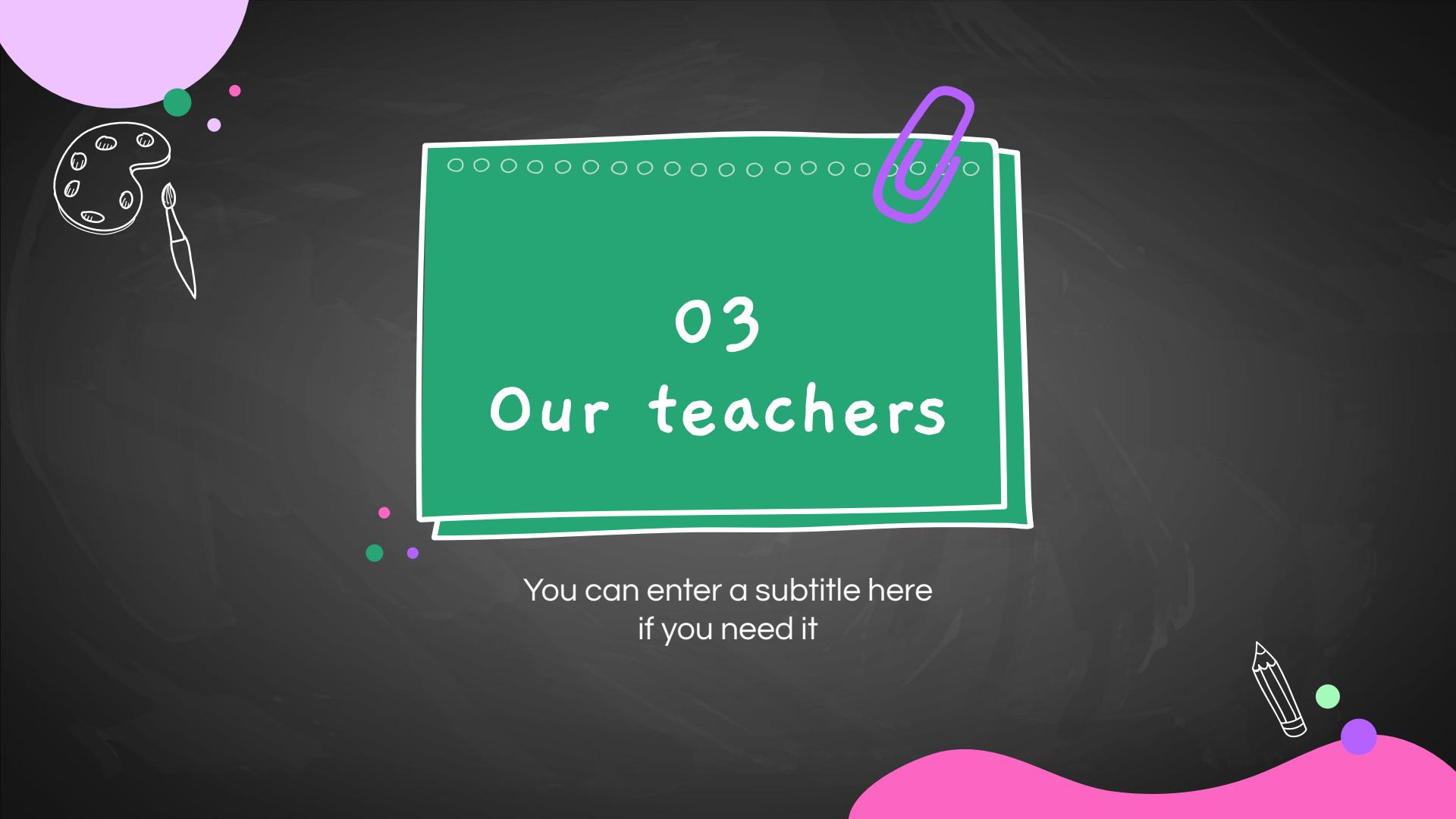


Mars

Despite being red, Mars is a cold place, not hot

Venus

Venus is the second planet from the Sun



03 Our teachers

You can enter a subtitle here
if you need it

You could use three columns, why not?



Mars

Despite being red,
Mars is a cold place,
not hot



Jupiter

It's a gas giant and
the biggest planet in
the Solar System



Mercury

Mercury is the
smallest one in the
Solar System



333,000,000

earths is the Sun's mass



24h 37m 23s

it's Jupiter's rotation period



386,000 km

it's the distance between the Earth
and the Moon



Say hello to your teacher!



How to introduce you to your teacher



- You can tell him or her your name
- You can say how old you are
- You can explain where you are from
- You can tell him or her what profession your parents have
- You can say which your favourite color is
- You can explain which your main hobby is
- You can show him or her who your best friend in class is

A picture always reinforces the concept

Images reveal large amounts of data, so remember: use an image instead of long texts



This is an infographic

5h/week
Music teacher

Here you could describe
the topic of the section

10h/week
Maths teacher

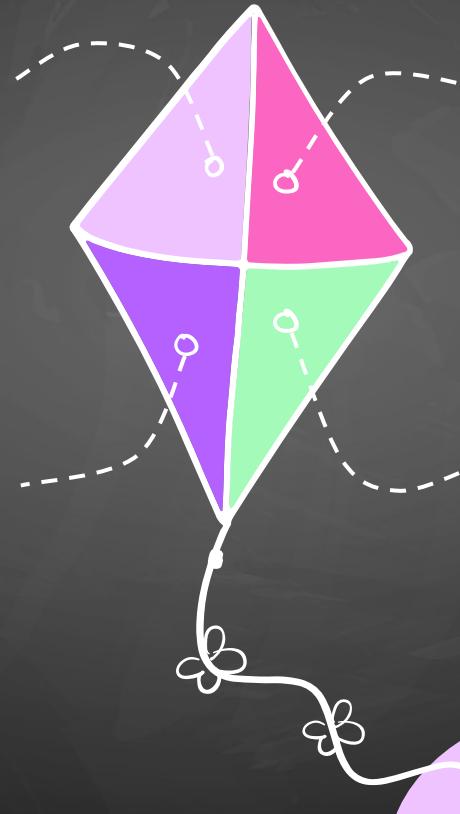
Here you could describe
the topic of the section

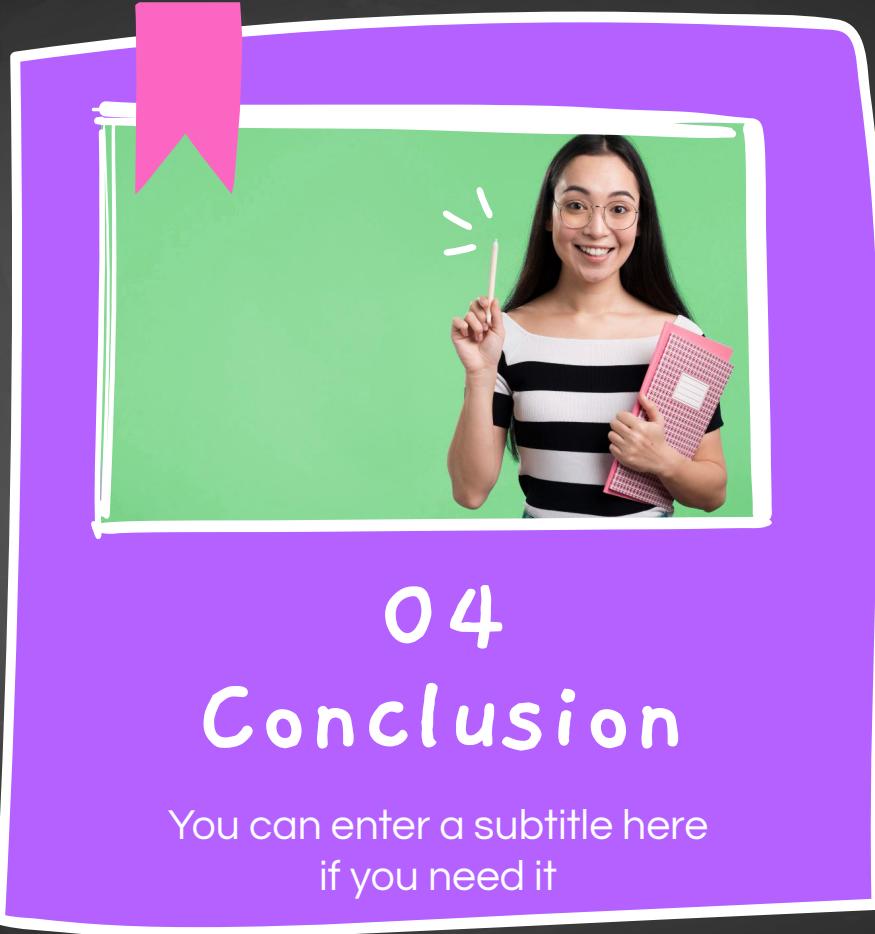
7h/week
English teacher

Here you could describe
the topic of the section

12h/week
Art teacher

Here you could describe
the topic of the section







A picture
is worth a
thousand
words



Reviewing concepts is a good idea



Mercury

Mercury is the smallest planet in the Solar System



Mars

Despite being red, Mars is actually a cold place



Venus

It has a beautiful name and is the second planet from the Sun



Saturn

Saturn is a gas giant, composed mostly of hydrogen and helium



Neptune

Neptune is the fourth-largest planet in the Solar System



Jupiter

Jupiter is a gas giant and the biggest planet in the Solar System

This is a graph

7.90%
Mercury

It is the smallest planet
in the Solar System

49.50%
Mars

Despite being red, Mars
is actually a cold place



18.40%
Venus

Venus is the second
planet from the Sun

24.20%
Jupiter

It is the biggest planet in
the Solar System

If you want to modify this graph, click on it, follow the
link, change the data and replace it



Whoa!

It could be the part of the presentation where you can introduce yourself, write your email...

This is a timeline

Mercury is the closest planet to the Sun

Mercury

Venus is the second planet from the Sun

Venus

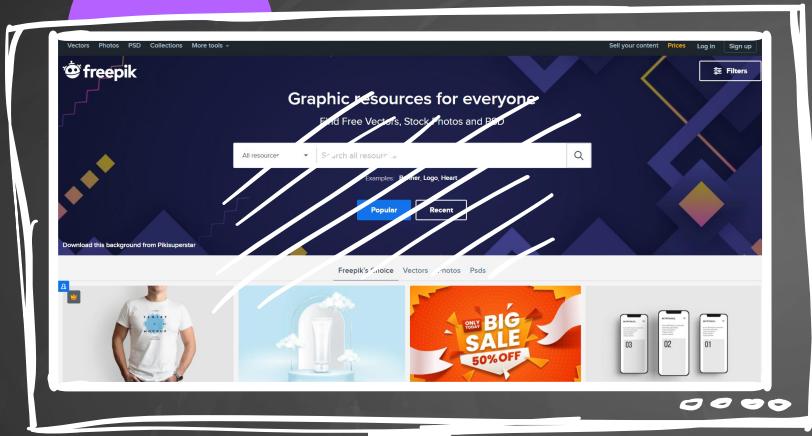
It is composed of hydrogen and helium

Saturn

Mars is actually a cold place. It's full of iron oxide dust

Mars





Desktop Software

You can replace the image on the screen with your own work. Just delete this one, add yours and center it properly

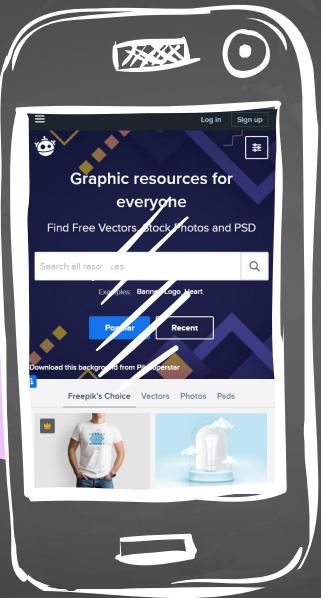




Tablet App

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Mobile Web

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This is a table



	Mass	Diameter	Surface gravity
Mercury	0.06	0.38	0.52
Mars	0.12	0.56	2.02
Saturn	0.15	1.85	0.26

Some information about the teachers



Jenna Clark

Math teacher
Fun and loving prof
Music lover



Mike Smith

Books' lover
Creative and joyful prof
Music teacher



Thanks!



Do you have any questions?

youremail@freepik.com

+91 620 421 838

yourcompany.com



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Alternative Resources



x - x - x - x

Resources

Photos

- Woman with books pointing
- Smiley boy with hand raised
- Woman reading for her students
- Happy teacher sitting at her desk
- Copy-space woman reading book
- Businessman reading a book
- Woman with book thinking
- Medium shot girl with books and cement background
- Smiley teacher taking notes
- Kids wanting to answer a question
- Smiley woman having an idea
- Woman with books jumping
- Two female friends reading book against pink background
- Cheerful young couple with laptop and book
- Group of young friends high five in the air

Resources

Vectors

- Alphabet tracing worksheet for kids
- Flat design background back to school
- Template for child birthday invitation
- Hand drawn map with travel elements
- Back to school banners with drawings
- Nice set of children's drawings
- Background of hand drawn elements
- Doodle social media icons set of network communications for blog isolated

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Fonts & colors used

This presentation has been made using the following fonts:

Gaegu

(<https://fonts.google.com/specimen/Gaegu>)

Questrial

(<https://fonts.google.com/specimen/Questrial>)

#ffffff

#1f1f1f

#b461ff

#efc3ff

#fc66c3

#a4fab9

#25a674

#bbdcca

Storyset

Create your Story with our illustrated concepts. Choose the style you like the most, edit its colors, pick the background and layers you want to show and bring them to life with the animator panel! It will boost your presentation. Check out [How it Works](#).



Pana



Amico



Bro



Rafiki



Cuate

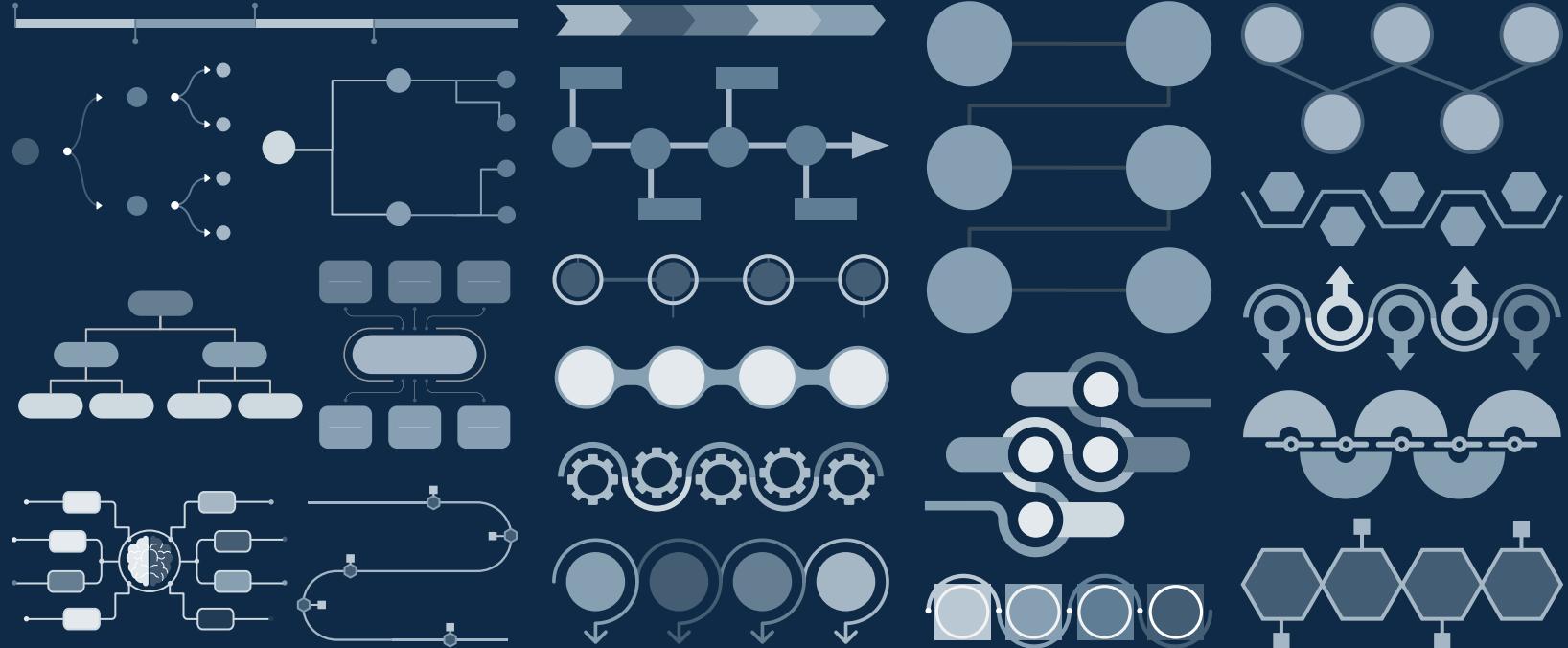
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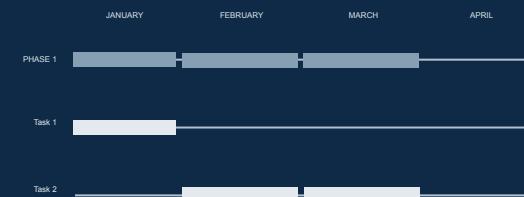
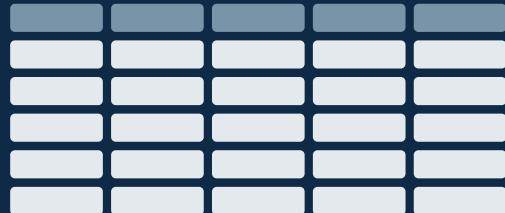
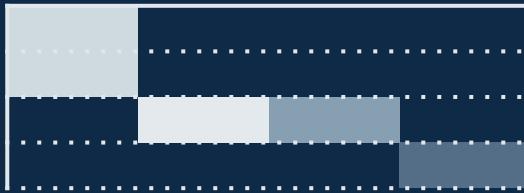
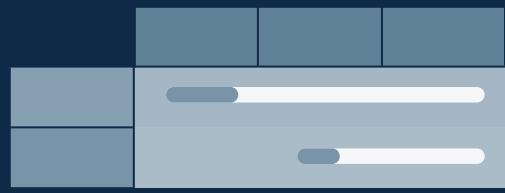
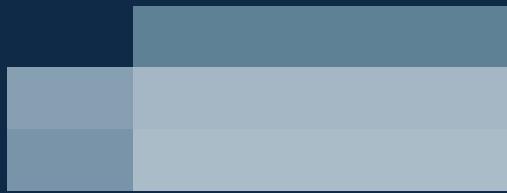
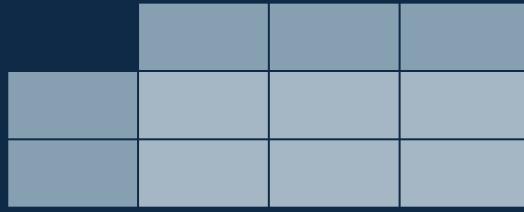
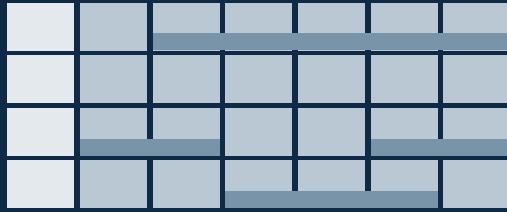
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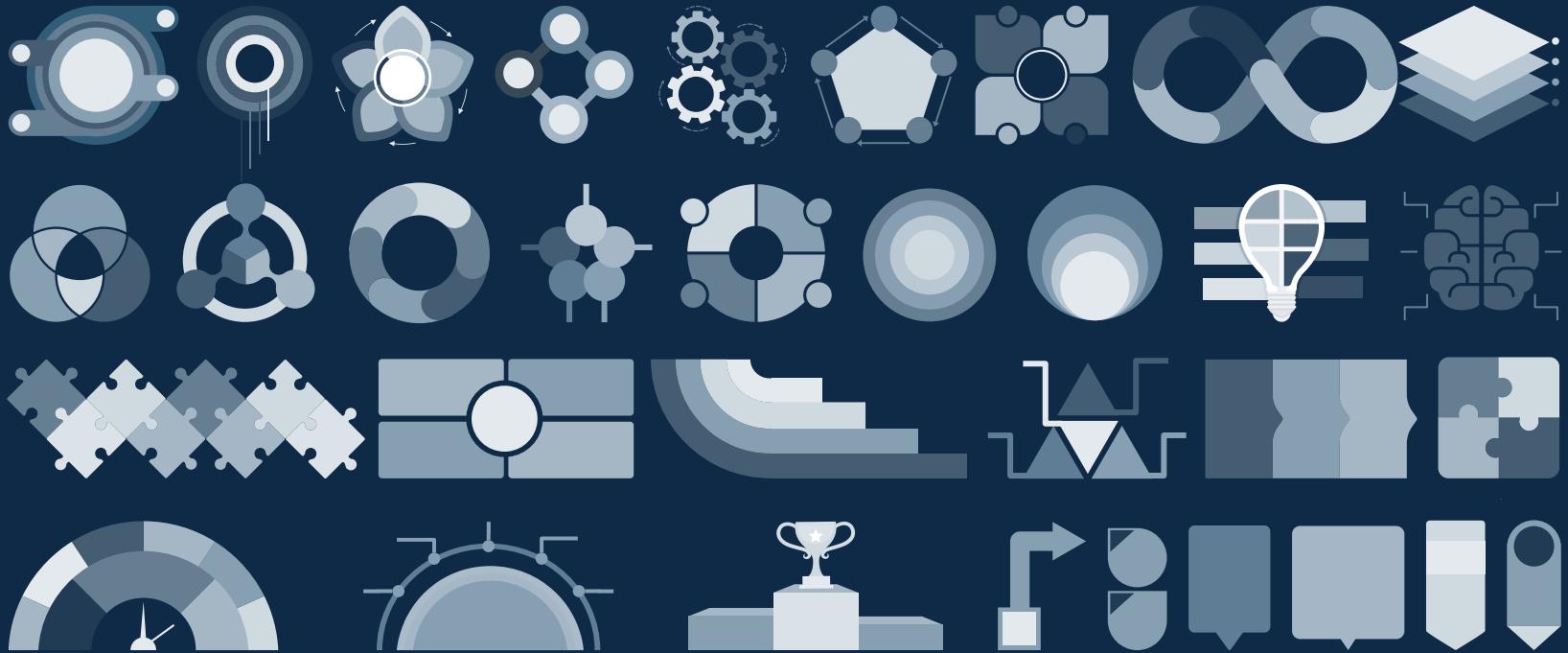
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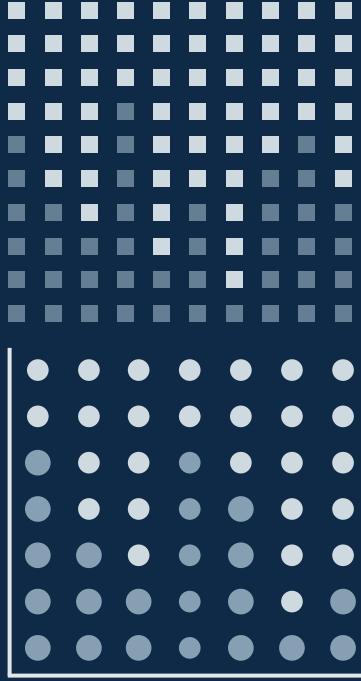












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Educational Icons



Medical Icons



Business Icons



Teamwork Icons



Help & Support Icons



Avatar Icons



Creative Process Icons



Performing Arts Icons



Nature Icons



SEO & Marketing Icons



