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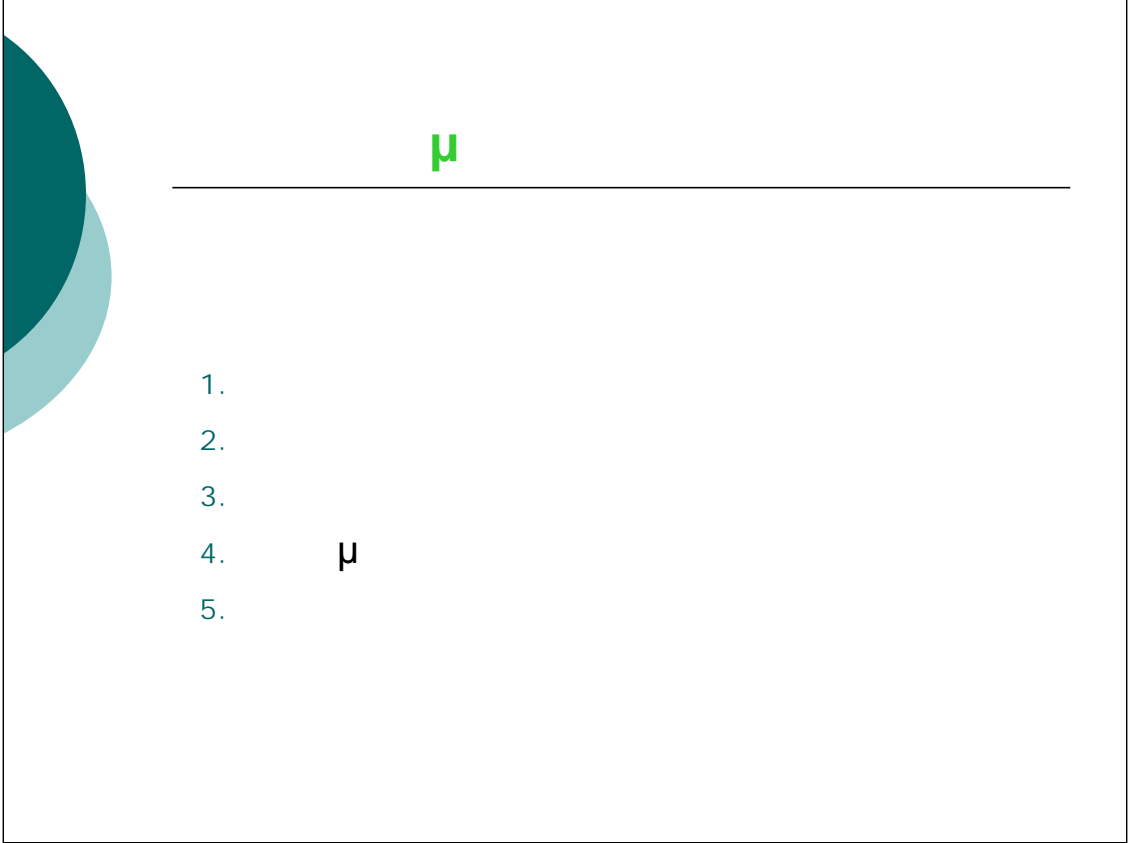
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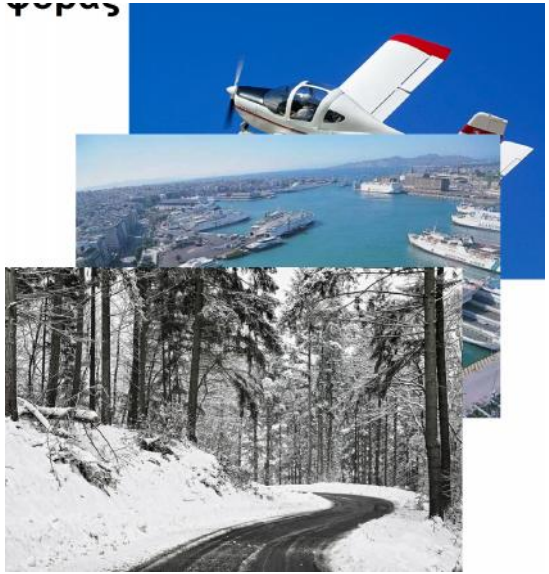
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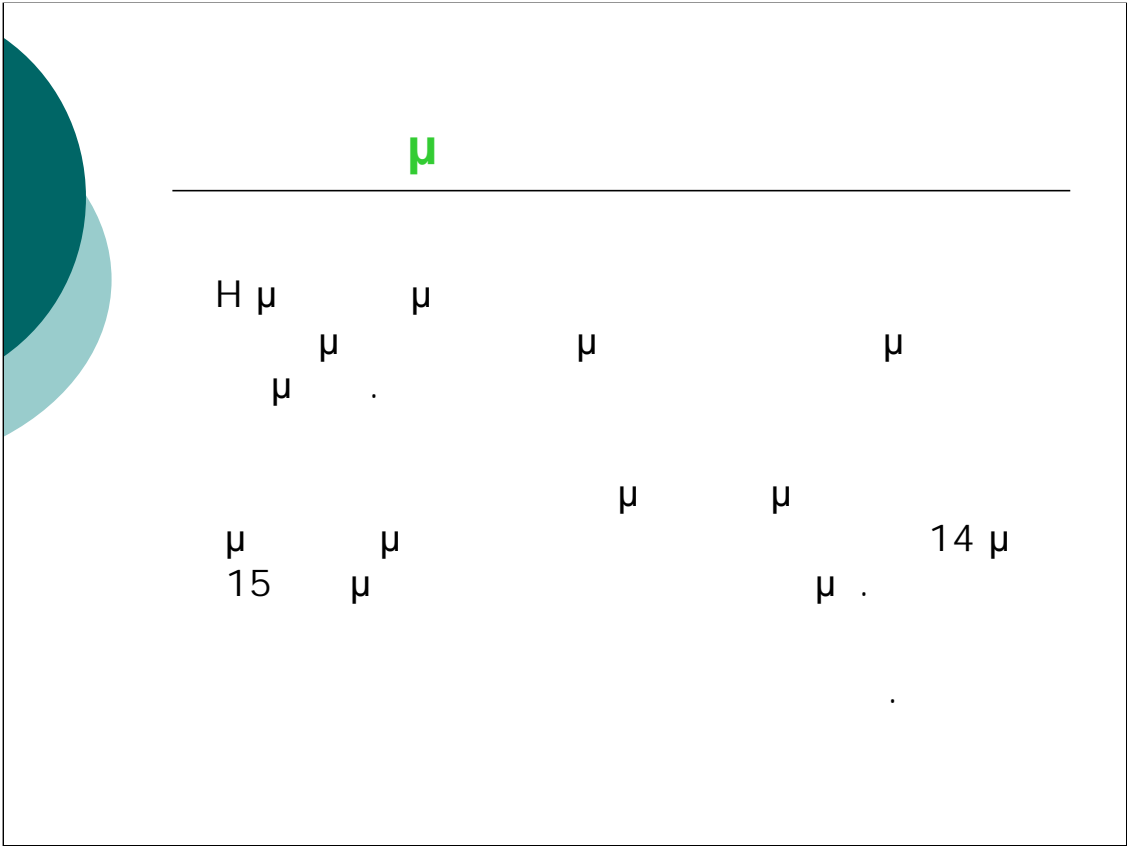
μ μ μ μ :

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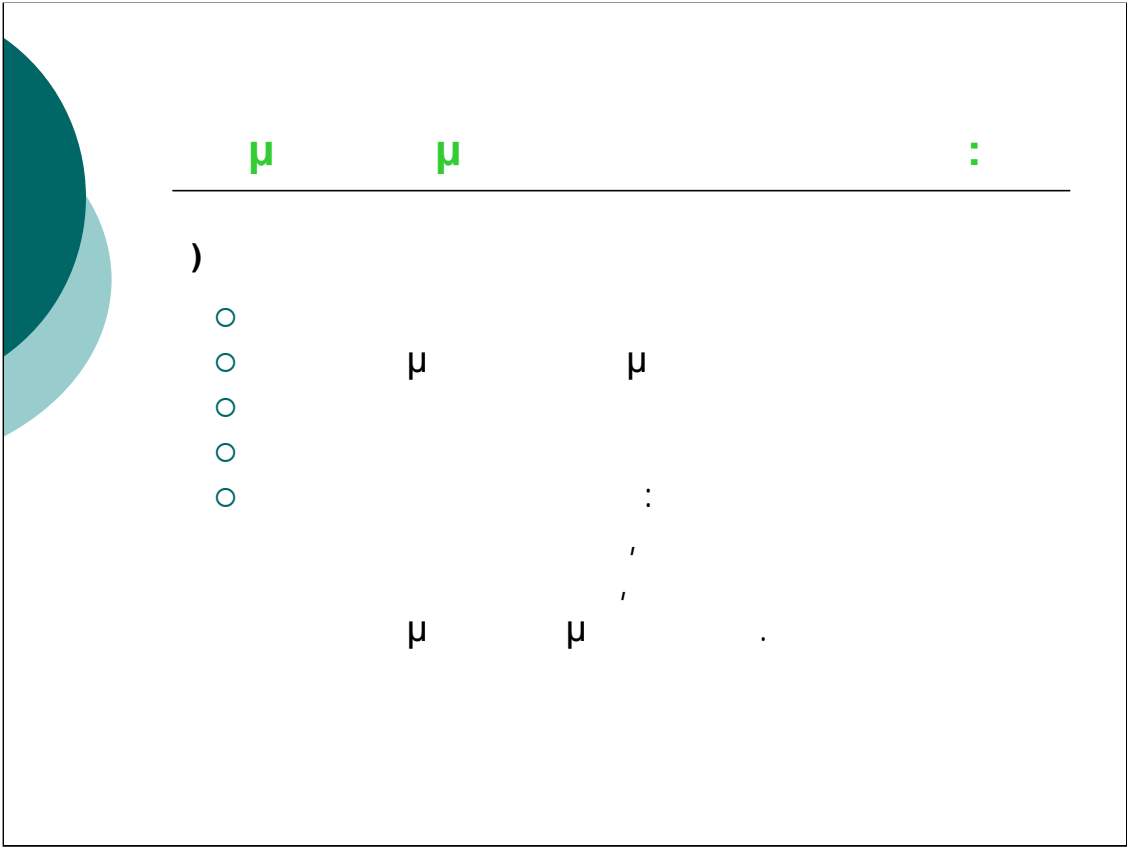
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$H \mu \quad \mu \quad \mu \quad \mu$
 $\mu \quad \mu \quad \mu \quad \mu$
 $14 \mu \quad 15 \quad \mu \quad \mu \quad \mu \quad \mu$
 $\mu \quad \mu \quad \mu$

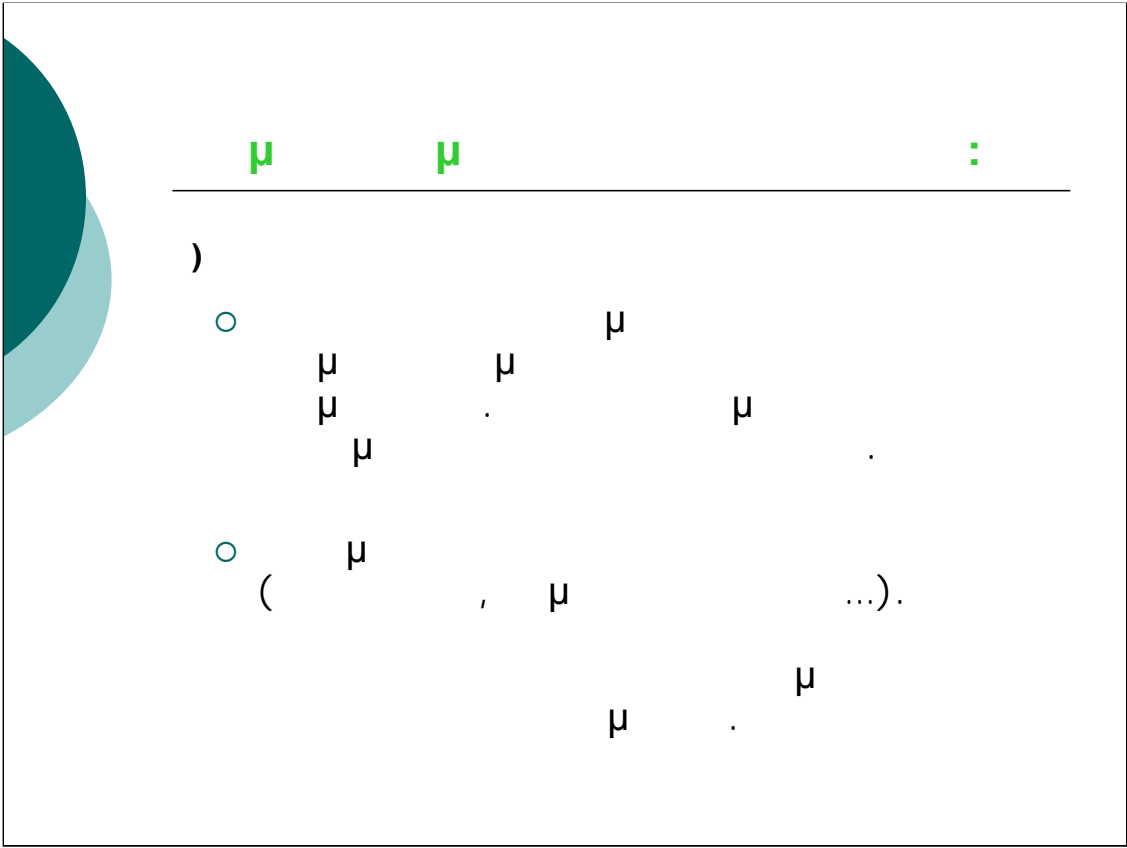


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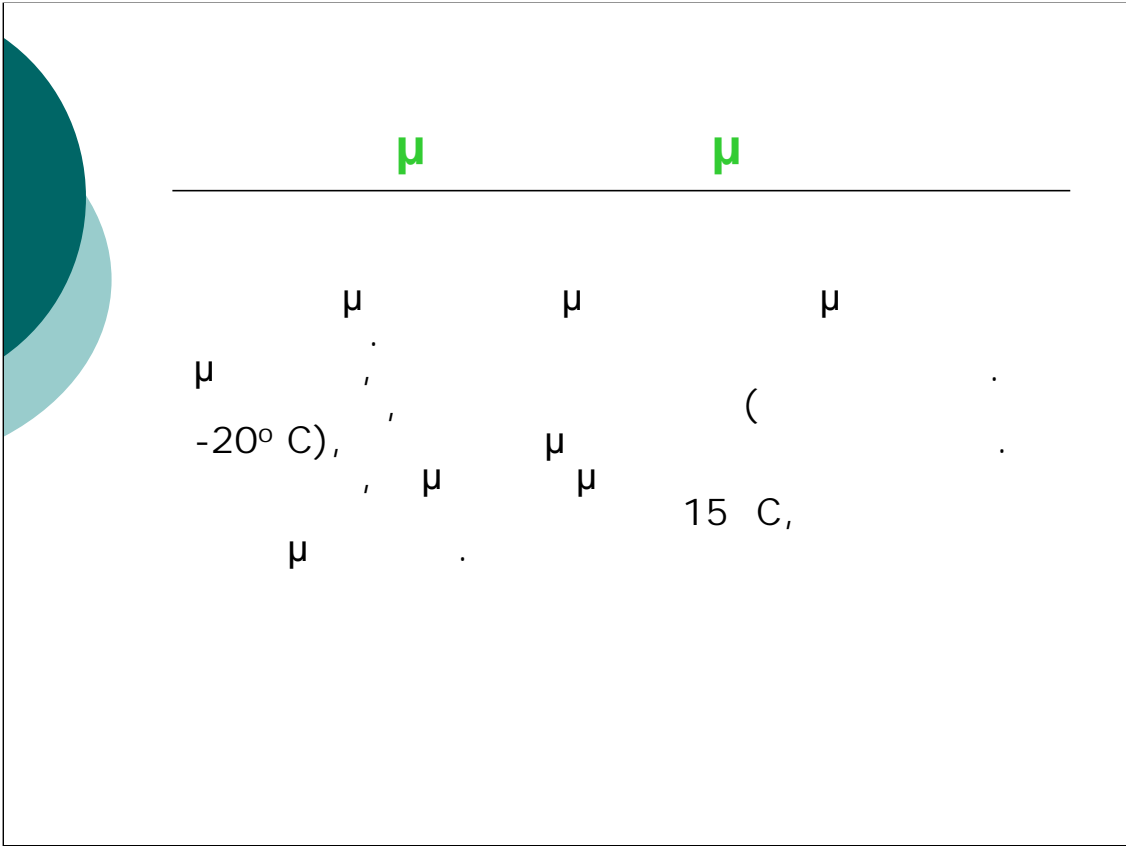
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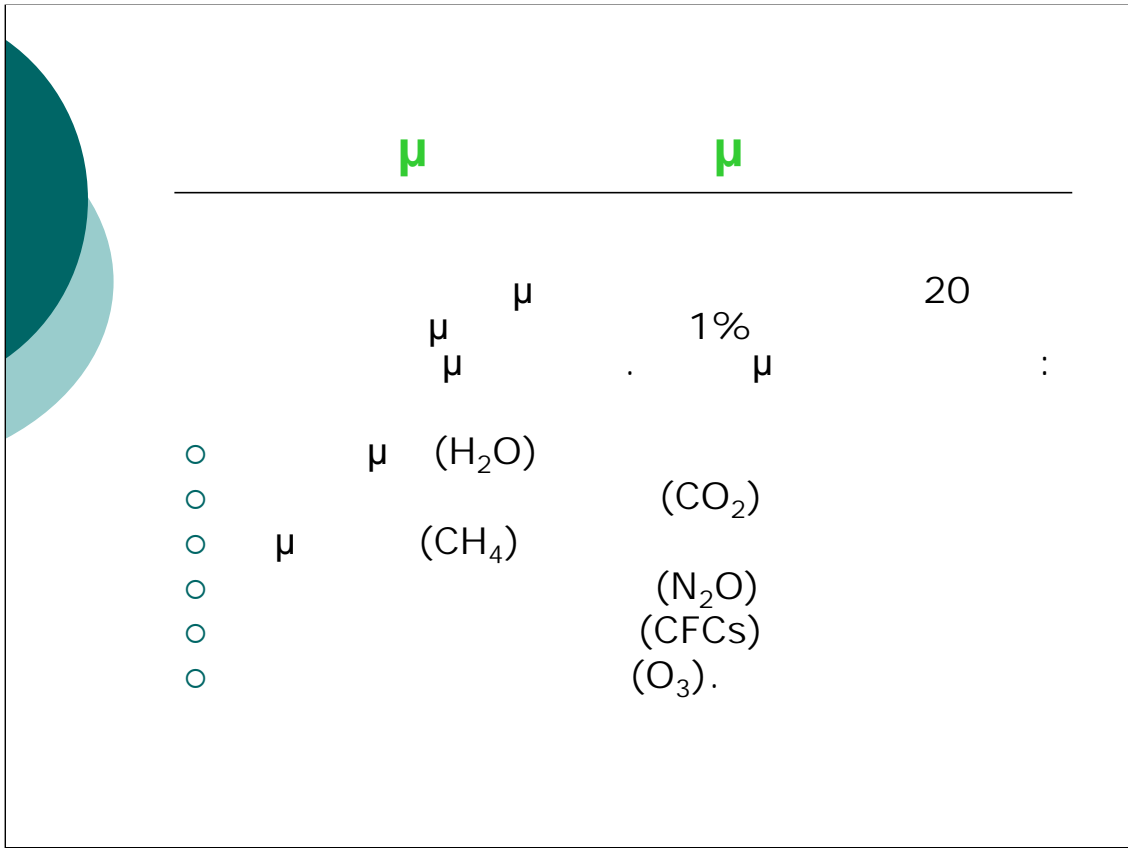
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μ (30%) μ μ

μ μ μ



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 (μ , -20° C), μ
 15 C, μ μ
 μ μ Fourier μ μ 1822 « μ μ ».
 μ μ



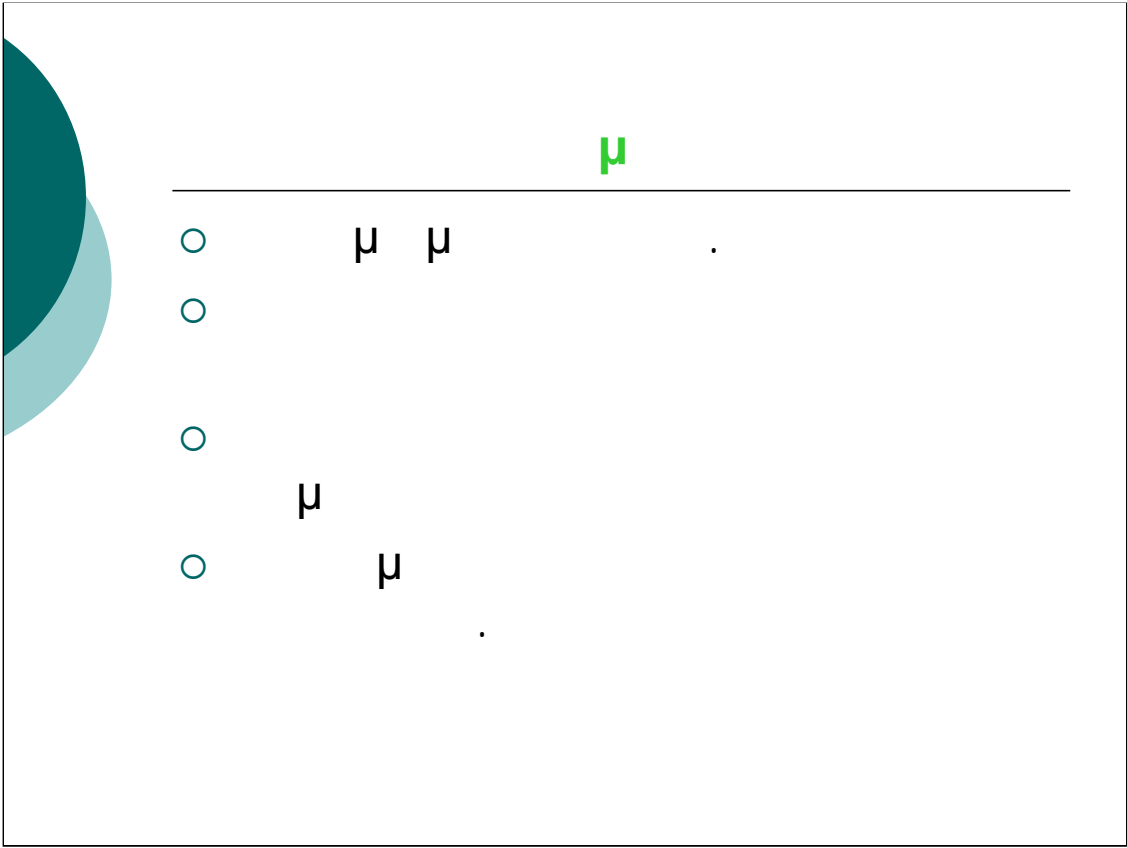
μ μ . 20 μ :

μ (H₂O) (CO₂)

μ (CH₄) (N₂O)

 (CFCs)

 (O₃).



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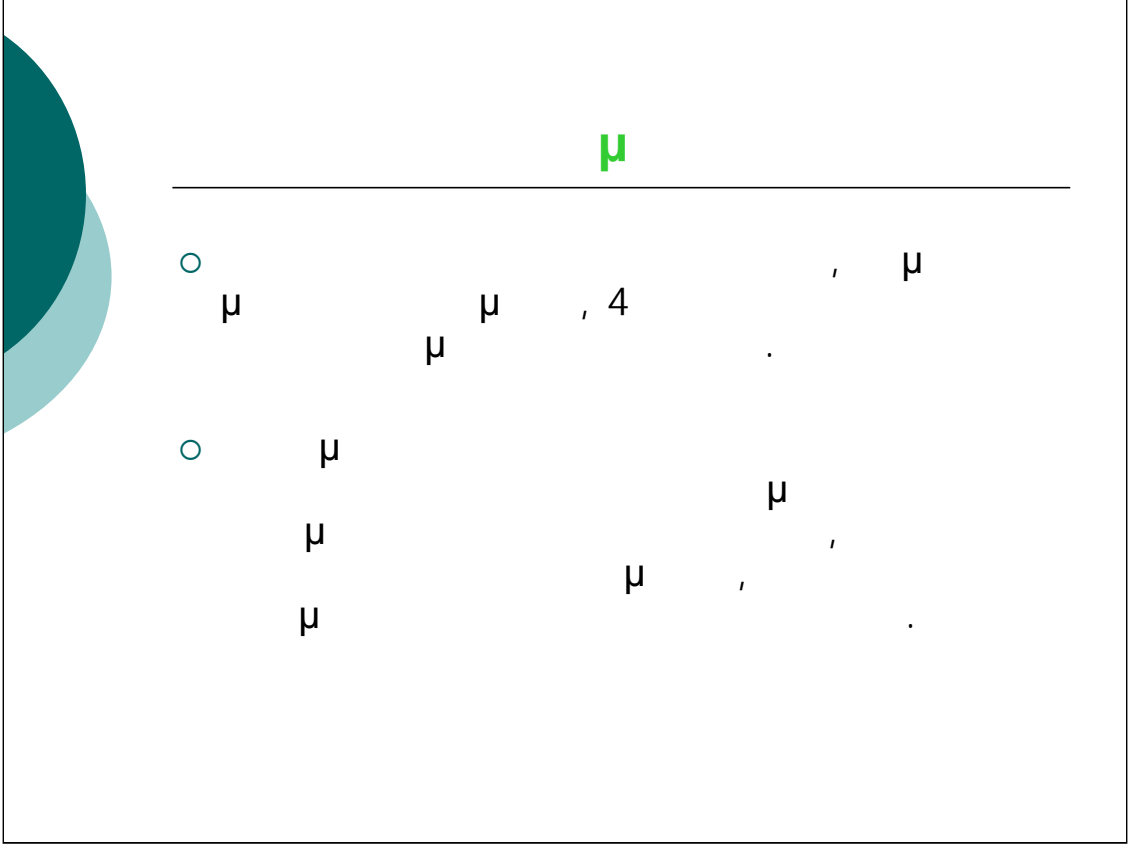
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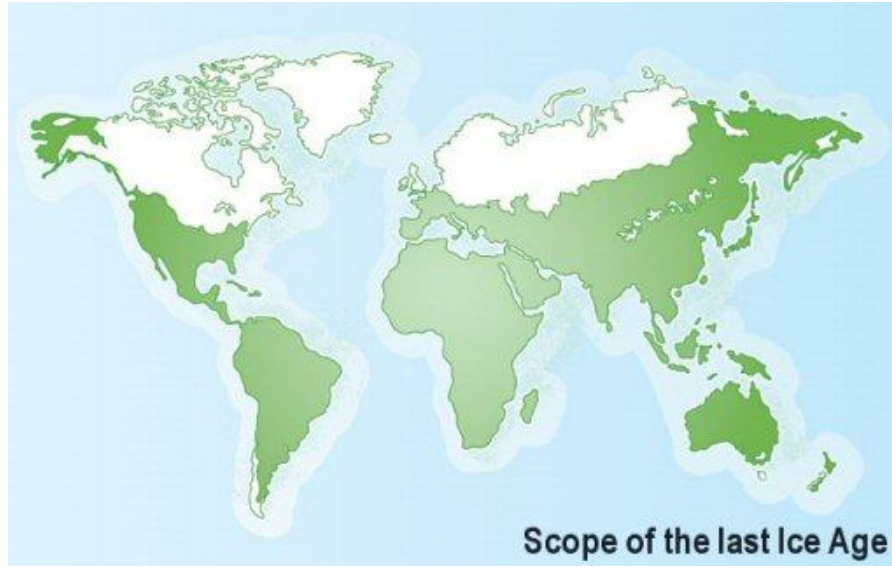
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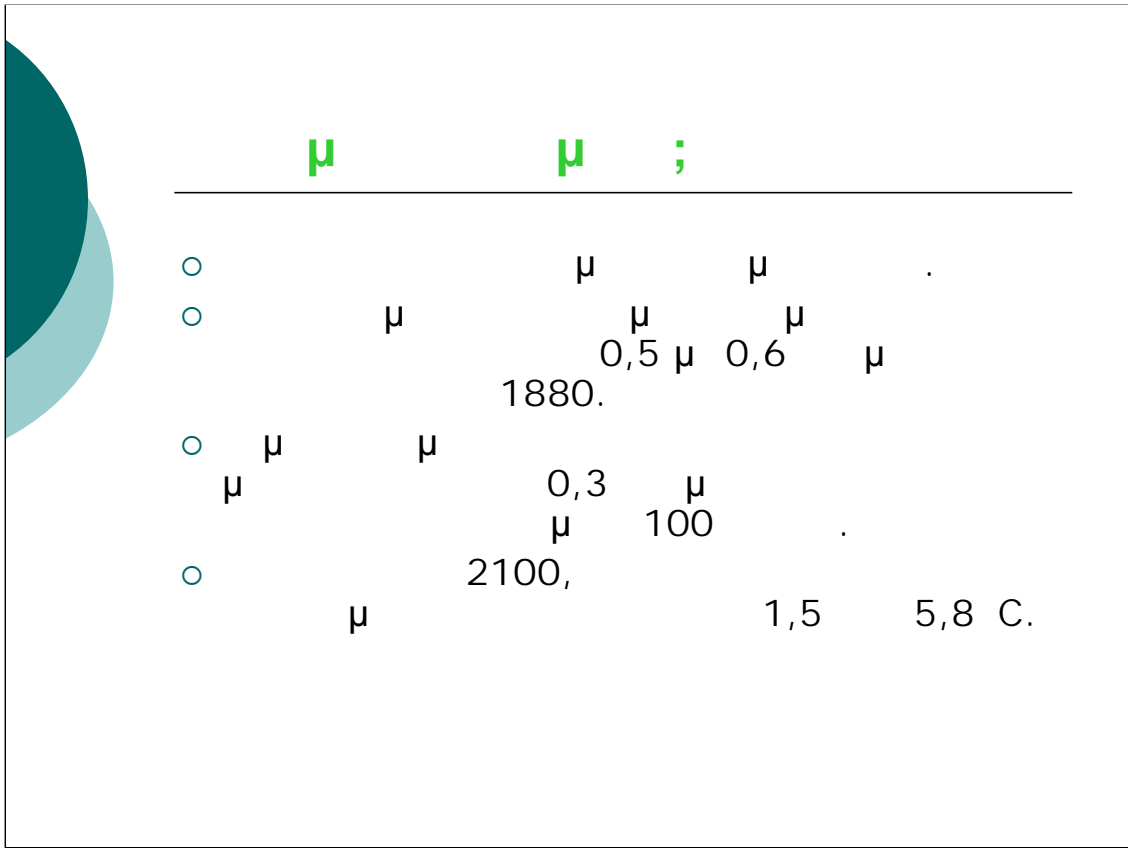
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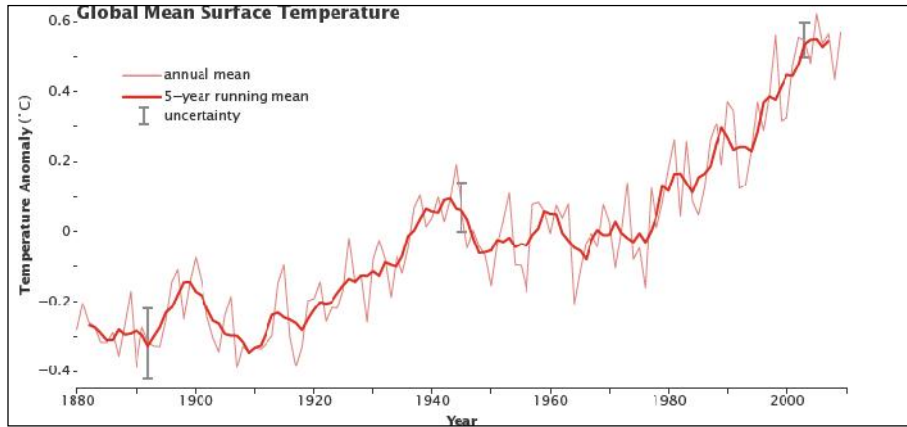
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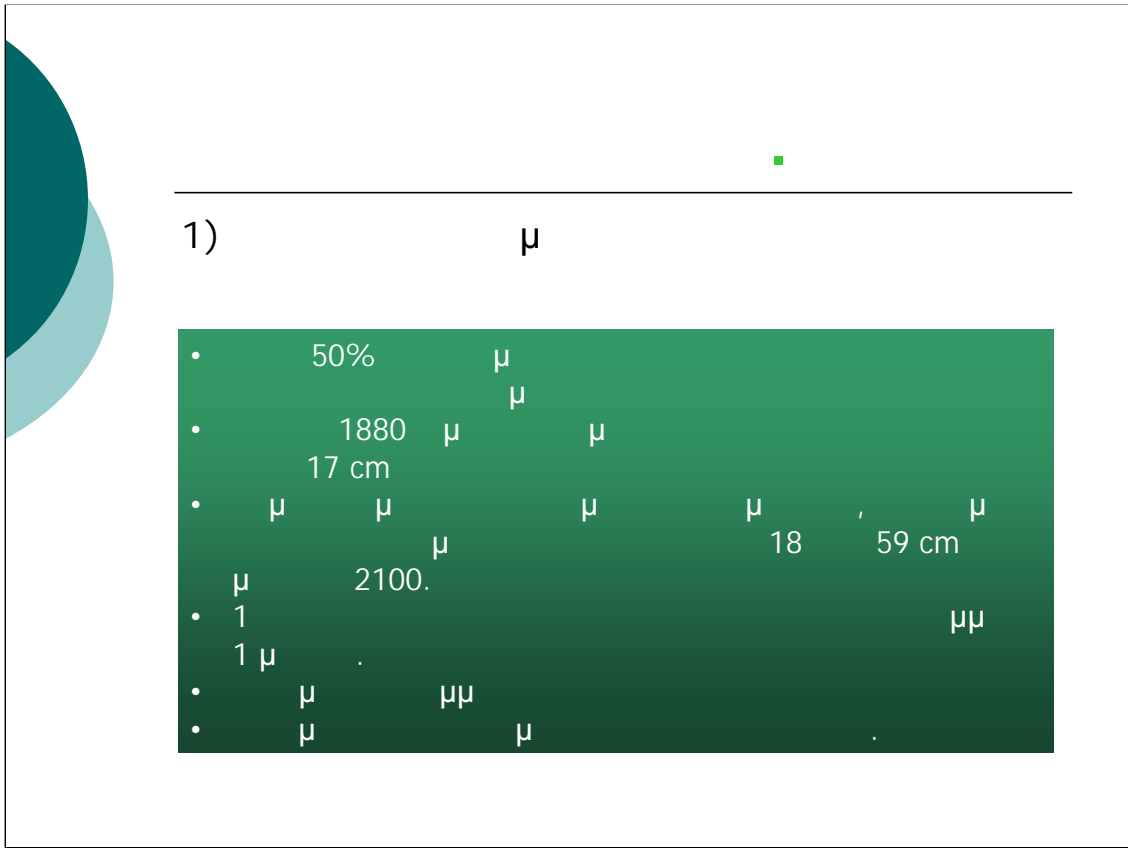
GCM (Global Climate Models)

0.5 ppm 0.6 C 1880. 100 2100, 1.5 5.8 C.

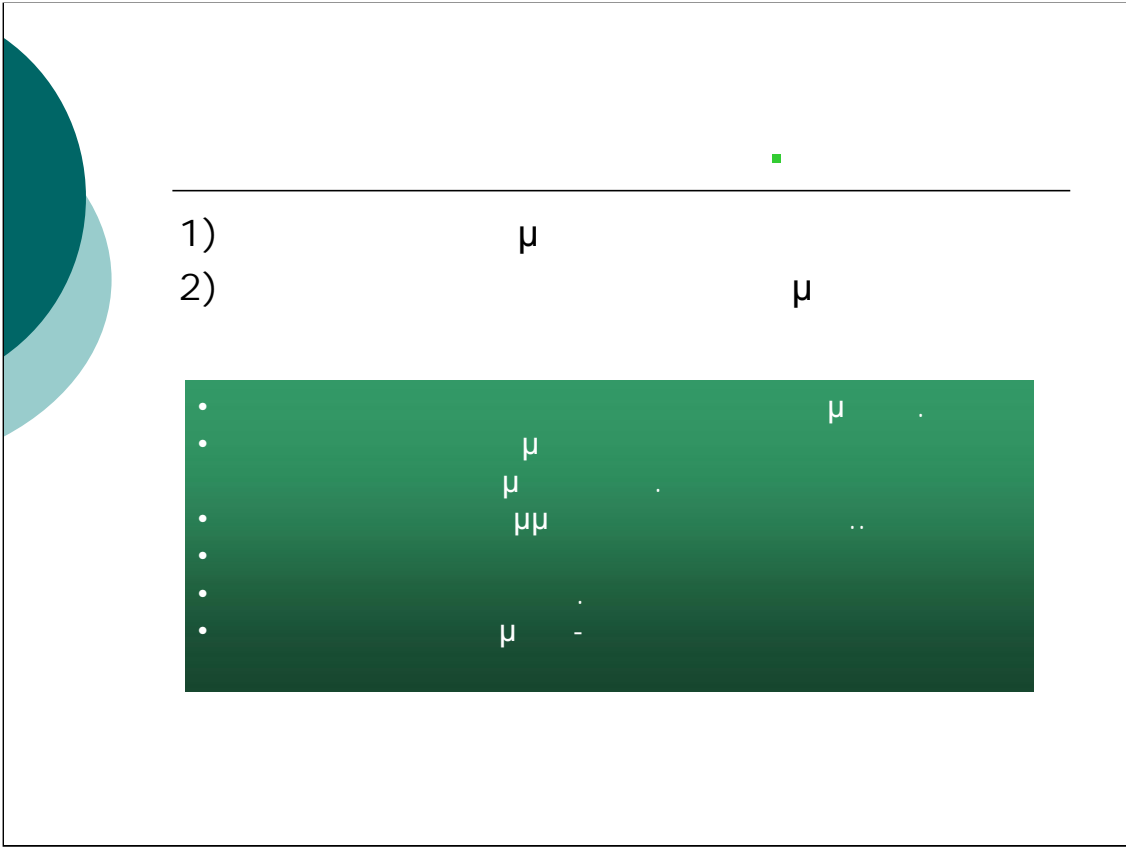
μ μ ;



μ ... μ μ μ μ μ 1880 μ



50% μ . μ μ
 1880 μ μ 17 μ
 cm (μ 0.13 mm). μ , 17
 2005, μ
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 18 59 cm μ 2100. , μ μ μ
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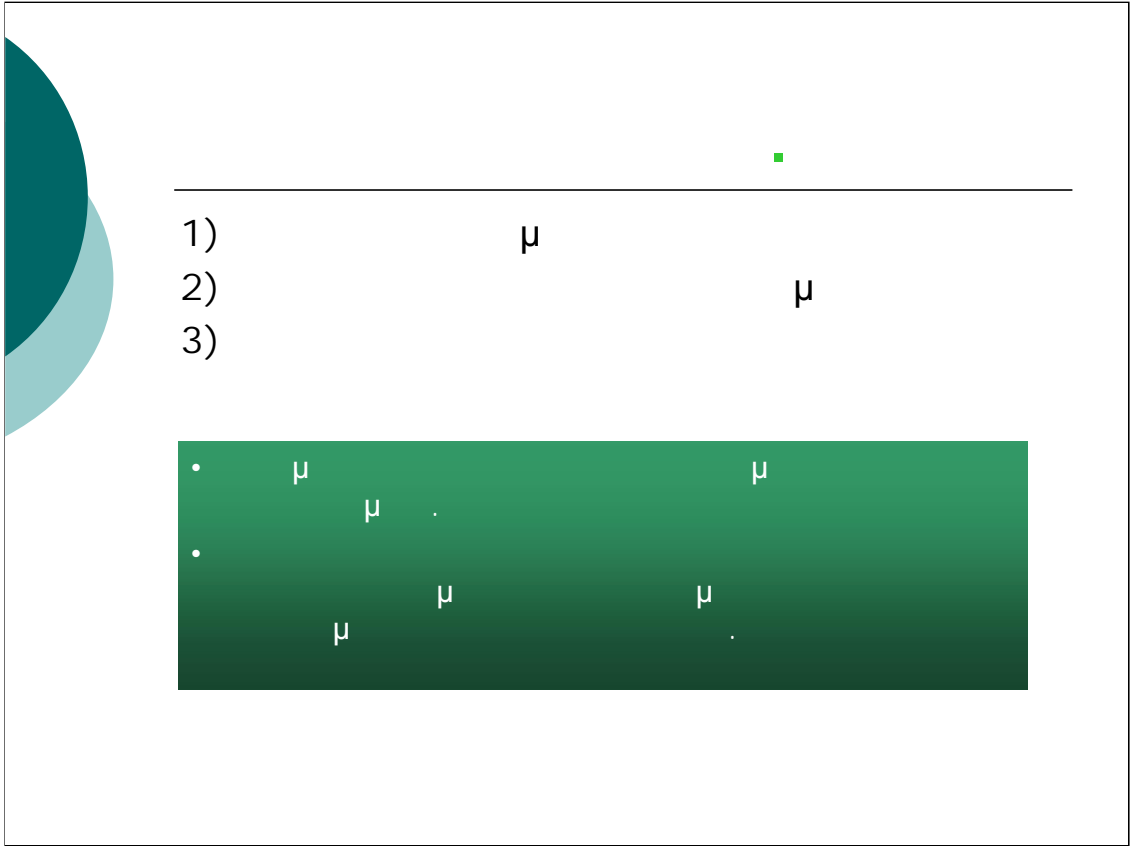
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3)

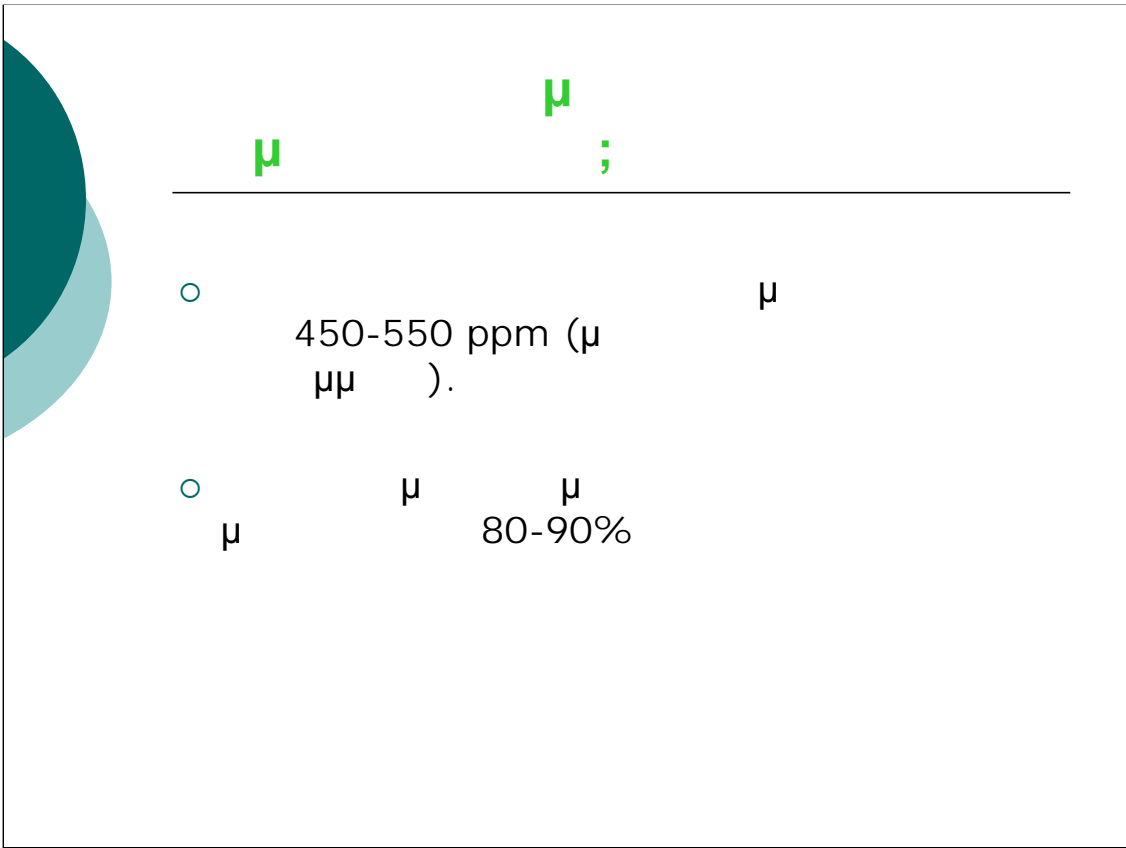
4) $\mu \quad \mu$

5) μ


6)

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- μ)
- μ (. . .
- $\mu \mu$,

- (i) μ μ (. . . μ ,
- (ii) μ , μ μ (. . .
- (iii) $\mu \mu$ (. . .) , μ μ ,



$\mu \mu$, ($\mu \mu \mu$)
 450-550 ppm ($\mu \mu\mu$).
 $\mu \mu \mu$: 80-90%



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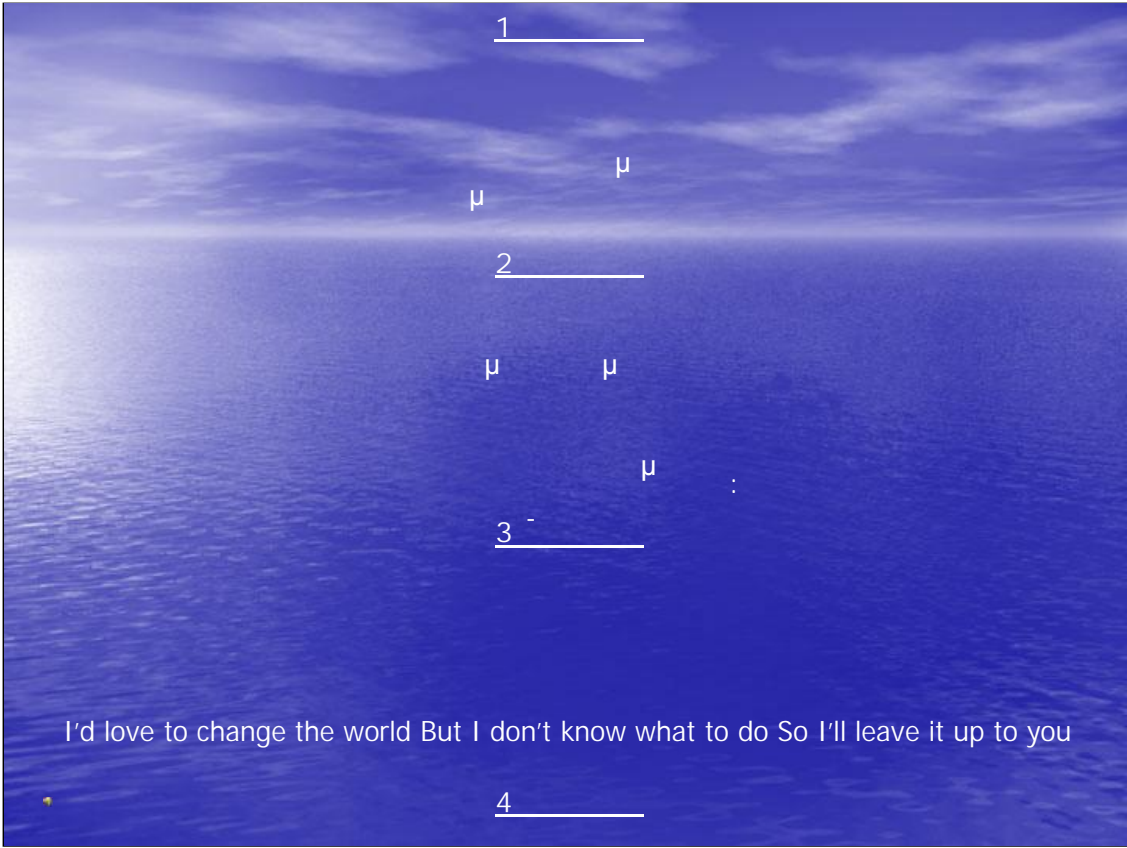
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- μ μ μ μ μ
- μ μ μ μ μ μ .

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I'd love to change the world But I don't know what to do So I'll leave it up to you