

Représentations des graphes de l'activité

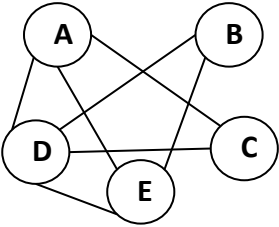
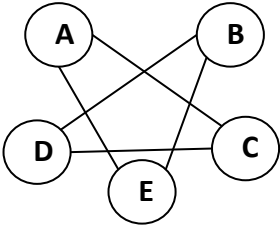
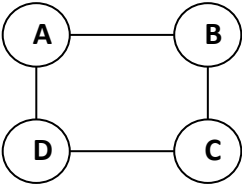
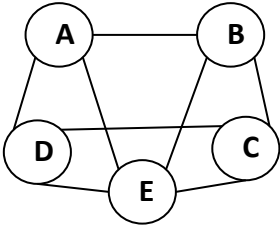
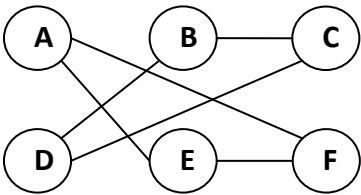
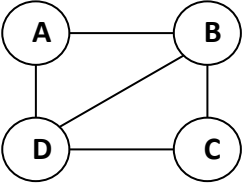
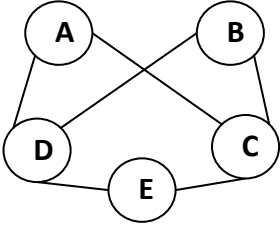
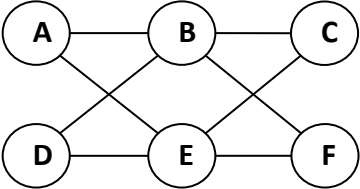
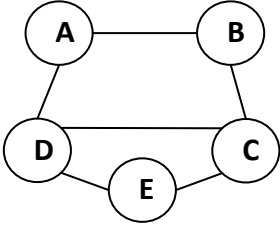
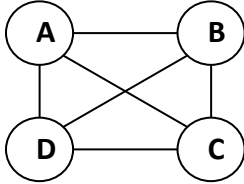
| Graphe G_1 | Graphe G_2 | Graphe G_3 | Graphe G_4 | Graphe G_5 |
|---|---|--|---|---|
|  |  |  |  |  |
| Graphe G_6 | Graphe G_7 | Graphe G_8 | Graphe G_9 | Graphe G_{10} |
|  |  |  |  |  |

Tableau de la question 1.2

| Graphe | Connexe ? (oui/non) | Complet ? (oui/non) | Ordre du graphe | Somme des degrés des sommets | Nombre d'arêtes du graphe |
|-----------------|------------------------|------------------------|--------------------|---------------------------------|------------------------------|
| G ₁ | | | | | |
| G ₂ | | | | | |
| G ₃ | | | | | |
| G ₄ | | | | | |
| G ₅ | | | | | |
| G ₆ | | | | | |
| G ₇ | | | | | |
| G ₈ | | | | | |
| G ₉ | | | | | |
| G ₁₀ | | | | | |

PARTIE 2

| Graphe | Connexe ? (oui/non) | Nombre de sommets de degrés impairs | Existence d'une chaîne eulérienne ? (oui/non) | Existence d'un cycle eulérien ? (oui/non) |
|-----------------|------------------------|--|---|---|
| G ₁ | | | | |
| G ₂ | | | | |
| G ₃ | | | | |
| G ₄ | | | | |
| G ₅ | | | | |
| G ₆ | | | | |
| G ₇ | | | | |
| G ₈ | | | | |
| G ₉ | | | | |
| G ₁₀ | | | | |