**Instructions:**

1. You must comment your code at each step with enough details so that anyone who reads the code can understand it.
2. You can use external libraries to help you.
3. your code must handle errors and unexpected user inputs.
4. You can make it a console or windows application.
5. deadline is 1 month [22-Jan-2016] to [24-Feb-2016]
6. You must submit your project via email to [omar.shaaban@live.com.uk] by 24-Feb-2016.
7. We will set up a day to meet in the second semester , all groups to fully explain their project with a test run of the code.
8. All questions are welcomed at any time.

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|  | Group | Project Name |
| 1 | **طارق محمد –هبه صبحى –نهال عبد االمنعم** | Project A - Maps |
| 2 | **محمد كمال –ابانوب جيد** | Project E - Subway |
| 3 | **محمد فتحى - احمد يوسف –مصطفى حمدى** | Project B - Bridges |
| 4 | **شعيب عماد –صلاح رجب -محمد رزق** | Project G - Barcode |
| 5 | **خالد صلاح –محمود مصطفى-محمد ناصر** | Project H - Bio-bot |
| 6 | **غادة حسين –فاطمة فيض الله –هبه احمد** | Project D - Fault Detection |
| 7 | **الشيماء طه –سمر محمد** | Project C - Marble Game |
| 8 | **هاجر عاطف –شروق احمد** | Project F - Regular Expression |