



**2. History.** - Do the following:

- a. Give a brief history of programming, including at least three milestones related to the advancement or development of programming.


- b. Discuss with your counselor the history of programming and the evolution of programming languages.


**3. General knowledge.** - Do the following:

- a. Create a list of five popular programming languages in use today and describe which industry or industries they are primarily used in and why.

	Language	Industry	Why is it used?
1.			
2.			
3.			
4.			
5.			

- b. Describe three different programmed devices you rely on every day.

1.		
2.		











**6. Careers.** - Find out about three career opportunities that require knowledge in programming.

1.	
2.	
3.	

Pick one and find out the education, training, and experience required.

Career	
Education	
Training	
Experience	

Discuss this with your counselor and explain why this career might be of interest to you.


When working on merit badges, Scouts and Scouters should be aware of some vital information in the current edition of the *Guide to Advancement* (BSA publication 33088). Important excerpts from that publication can be downloaded from <http://usscouts.org/advance/docs/GTA-Excerpts-meritbadges.pdf>.  
 You can download a complete copy of the *Guide to Advancement* from <http://www.scouting.org/filestore/pdf/33088.pdf>.