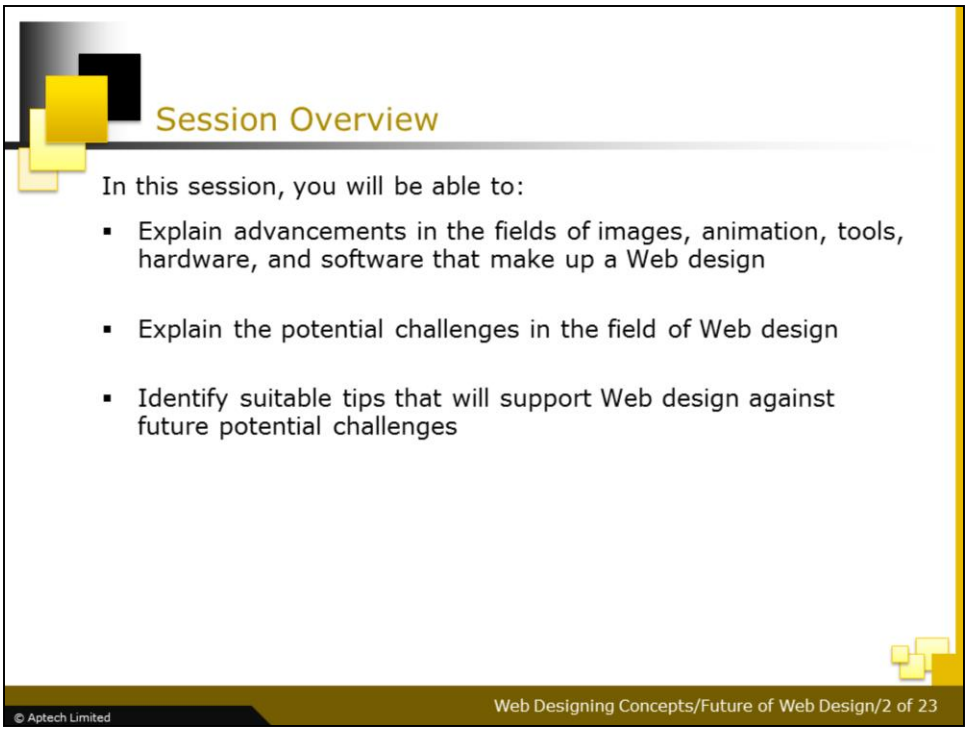
ARENA
MULTIMEDIA
Session 5
Future of Web Design

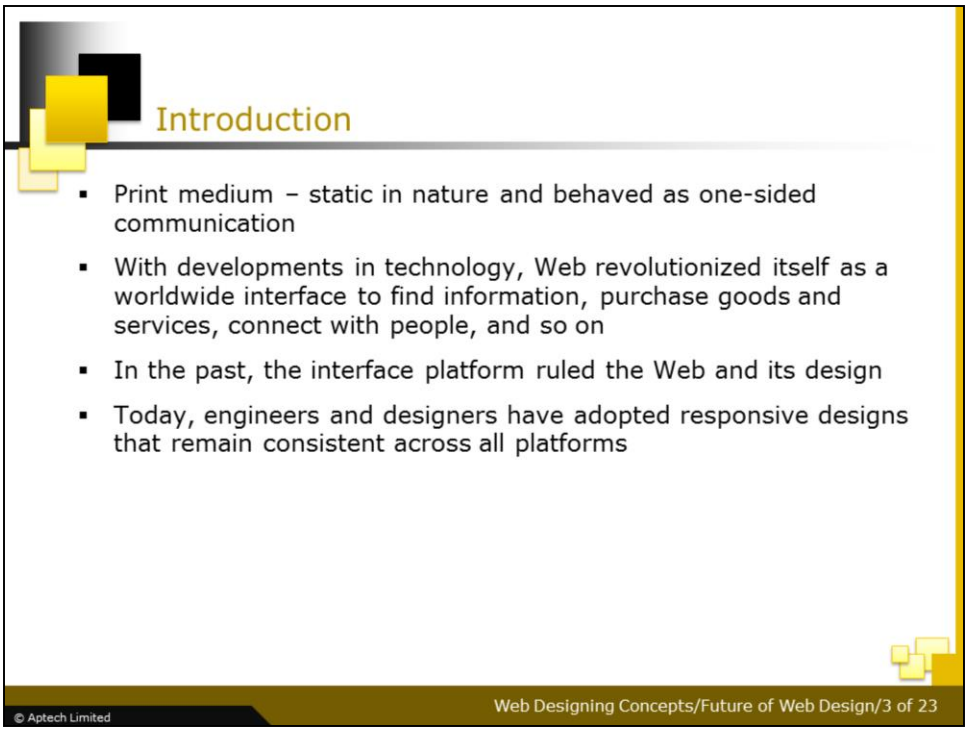


Instruction(s) to the trainer:

- Begin the session by introducing students to advancements and potential challenges in the Web designing
- Conclude this screen by listing down the objectives of the session

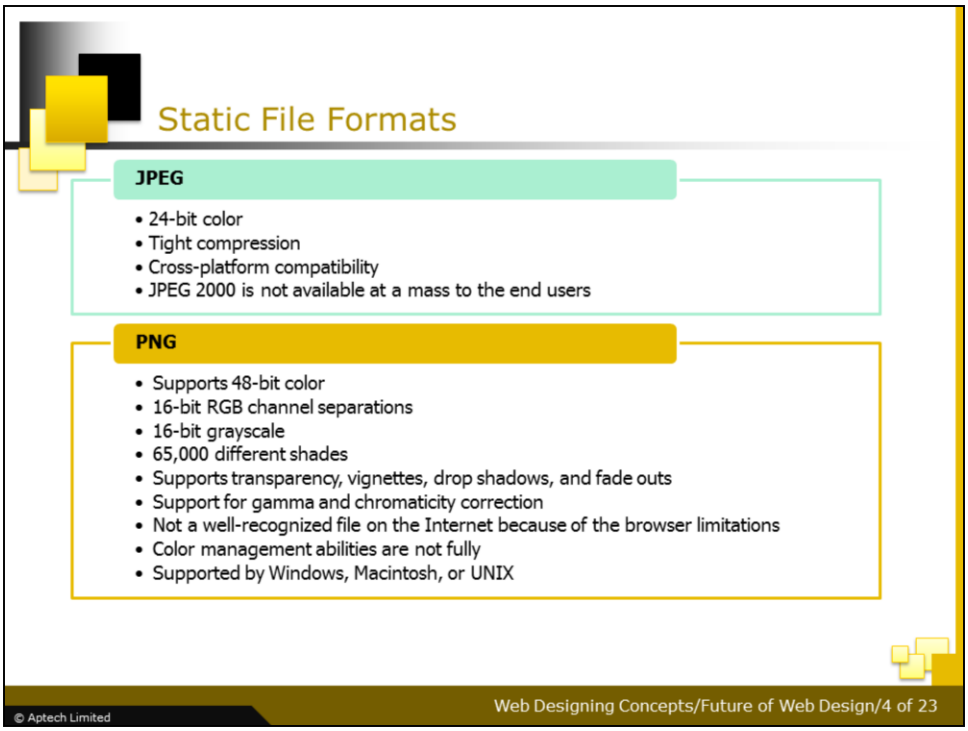
Quick Tips:

Before commencing the session, let students express their views about advancements in Web



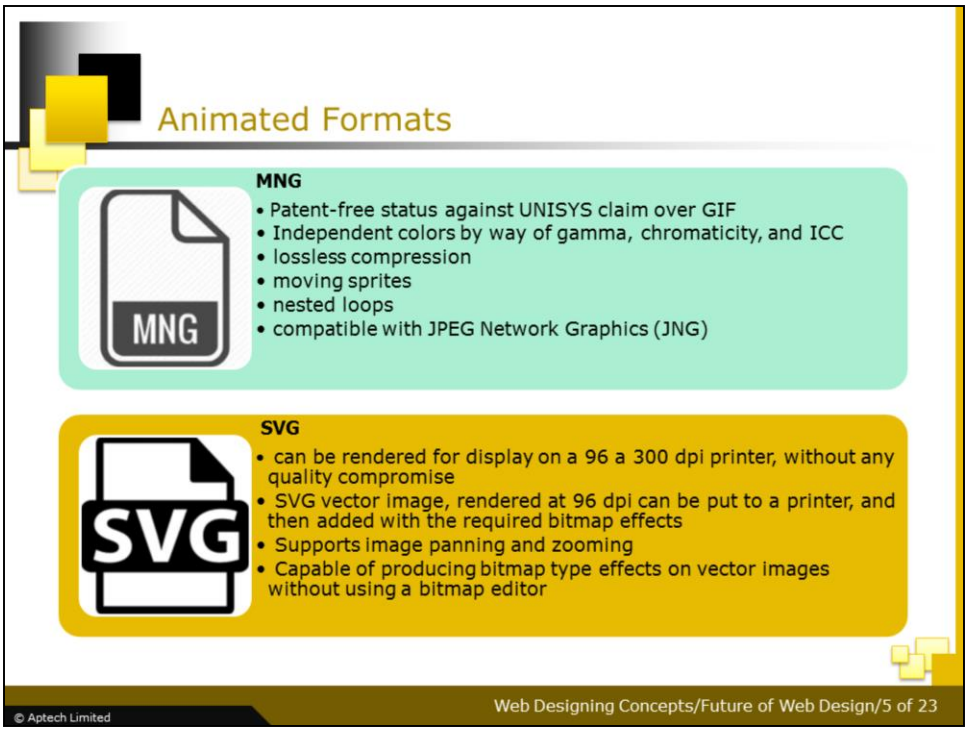
Instruction(s) to the trainer:

- Explain briefly advancements from print medium to Web
- Explain how Web was developed



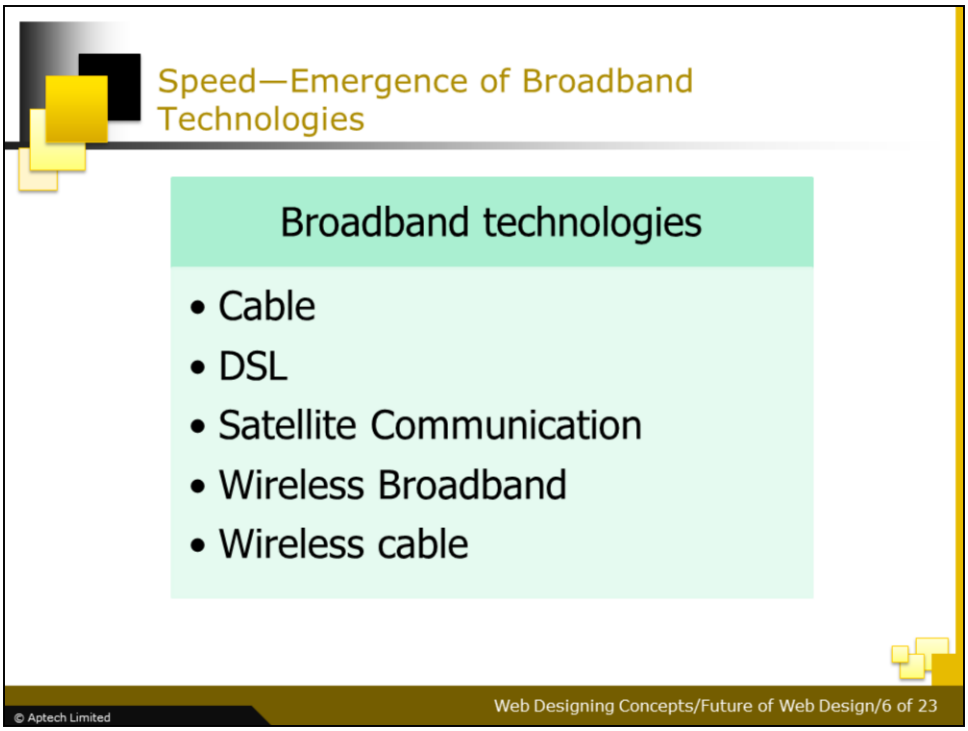
Instruction(s) to the trainer:

- Explain the two types of static formats: JPEG and PNG
- Discuss the features and limitations of both the formats



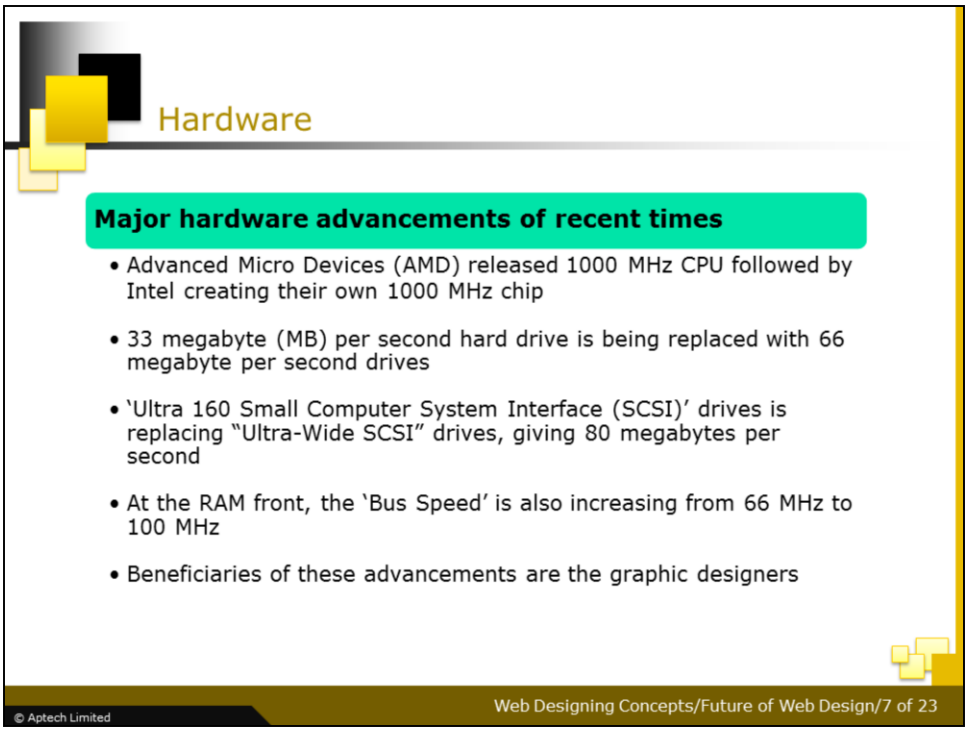
Instruction(s) to the trainer:

- Explain the two types of animated formats: MNG and SVG
- Discuss the features and limitations of both the formats



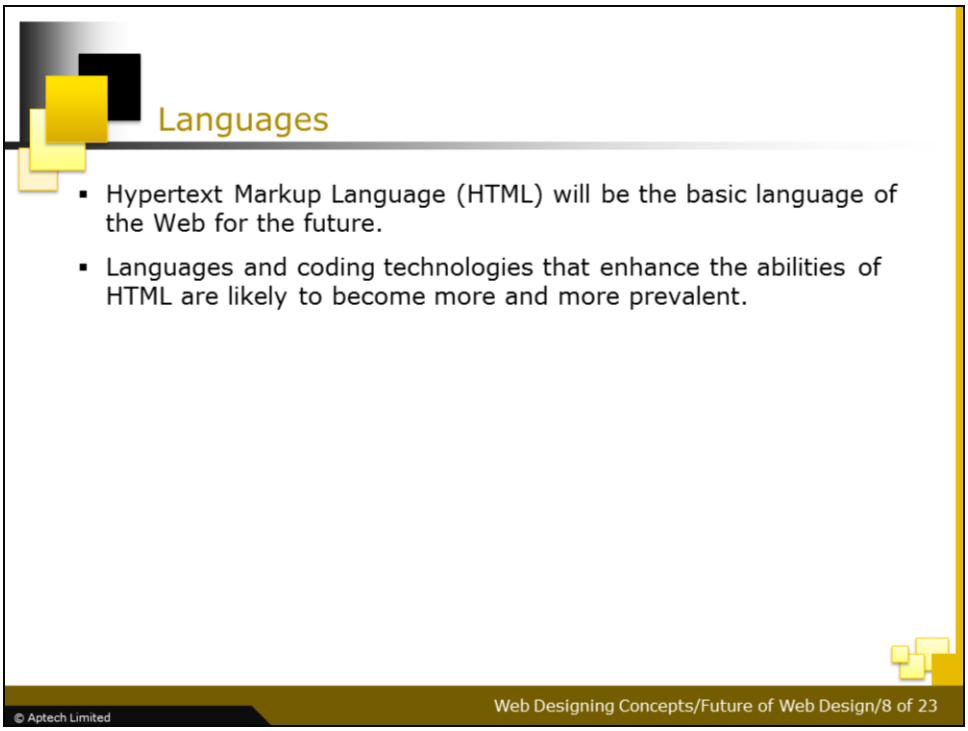
Instruction(s) to the trainer:

- Discuss in detail various broadband technologies



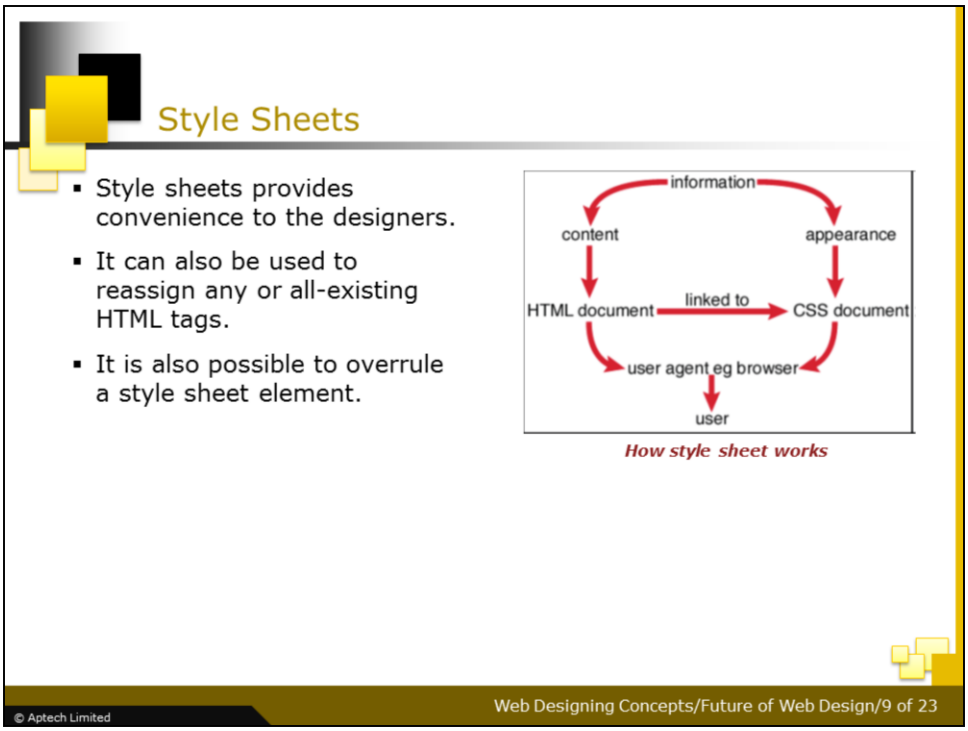
Instruction(s) to the trainer:

- Discuss some of the major hardware advancements of recent times



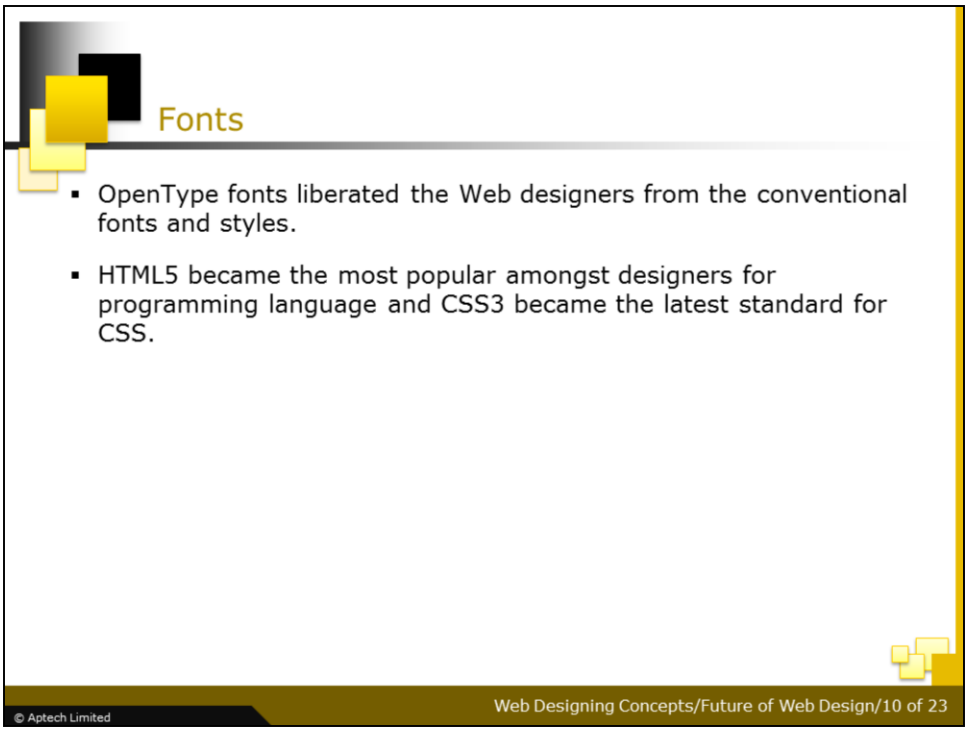
Instruction(s) to the trainer:

- Explain the advancements in languages



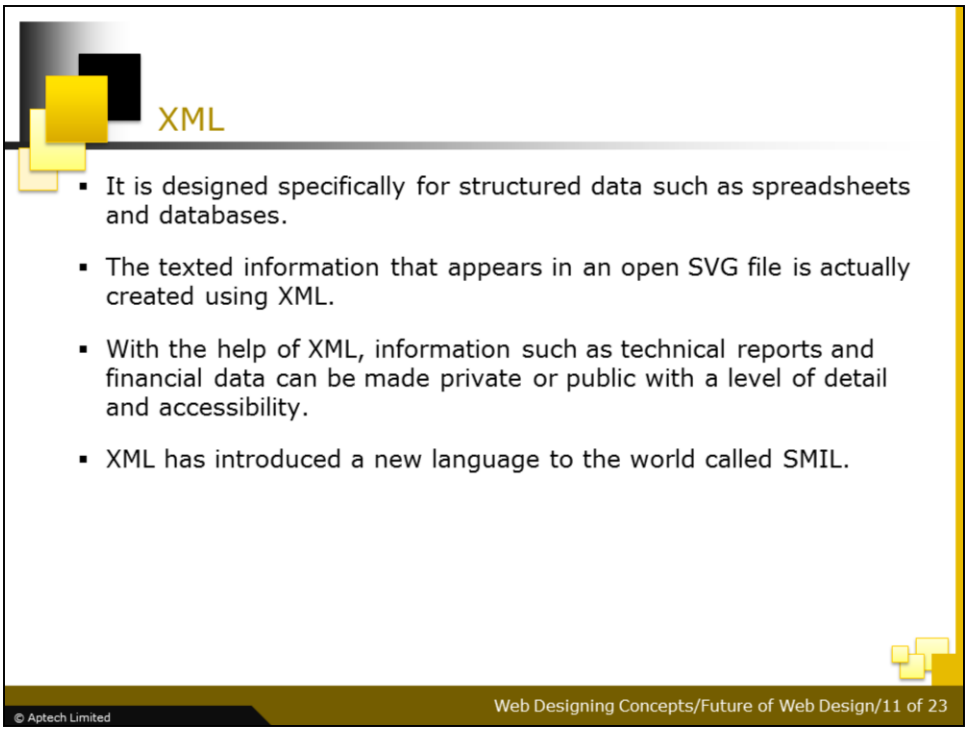
Instruction(s) to the trainer:

- Explain stylesheets and its features
- Explain how style sheets work



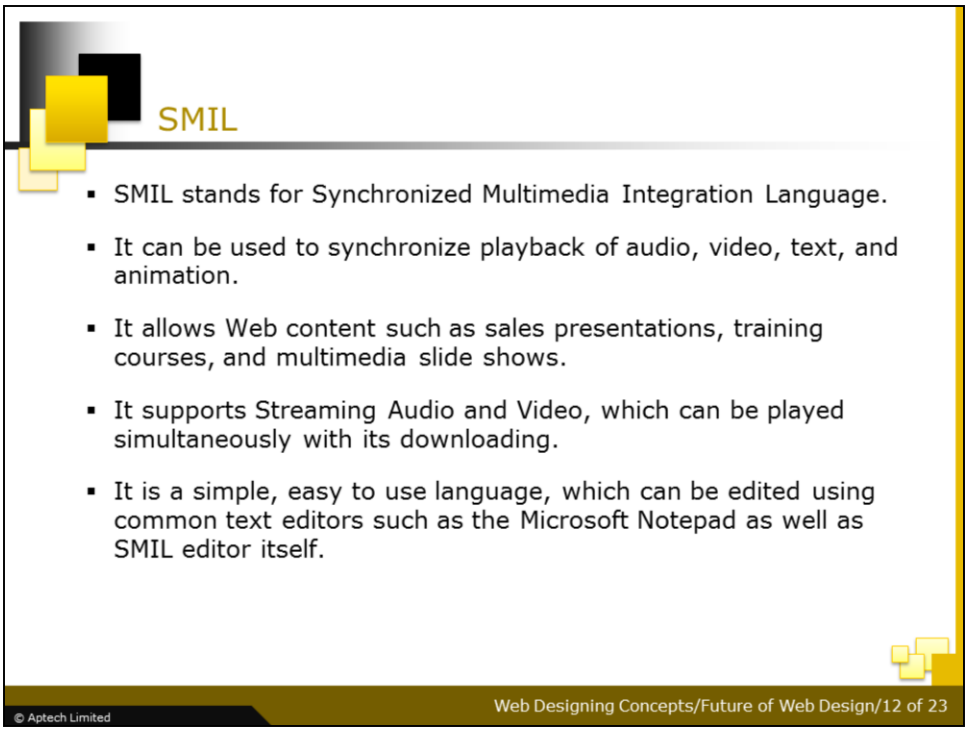
Instruction(s) to the trainer:

- Talk about Open type fonts



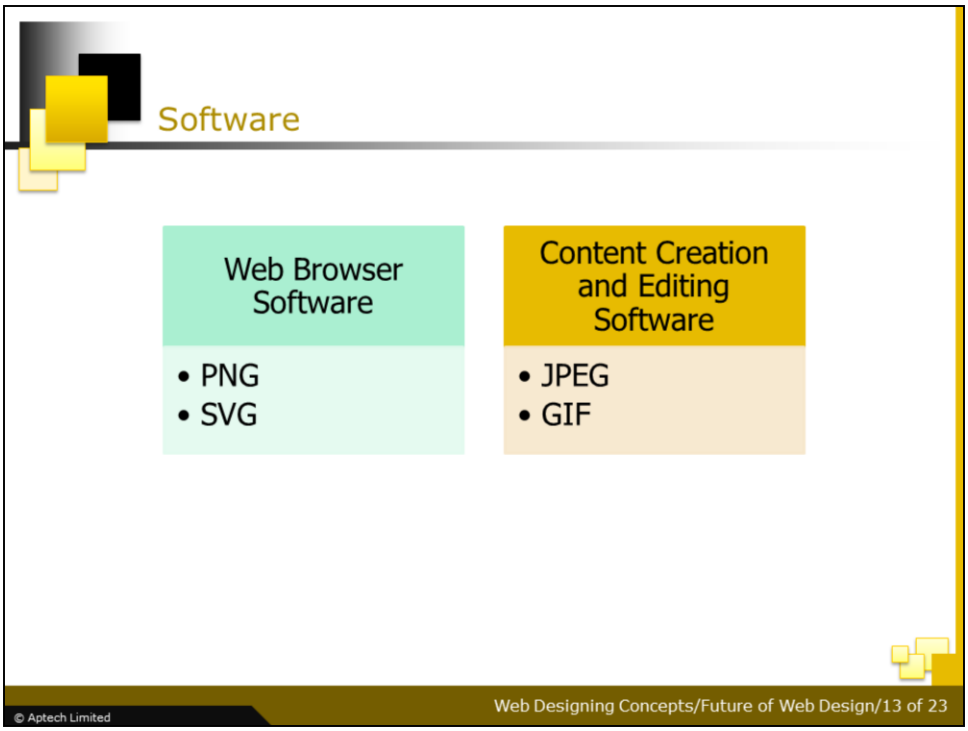
Instruction(s) to the trainer:

- Explain XML and its advancement



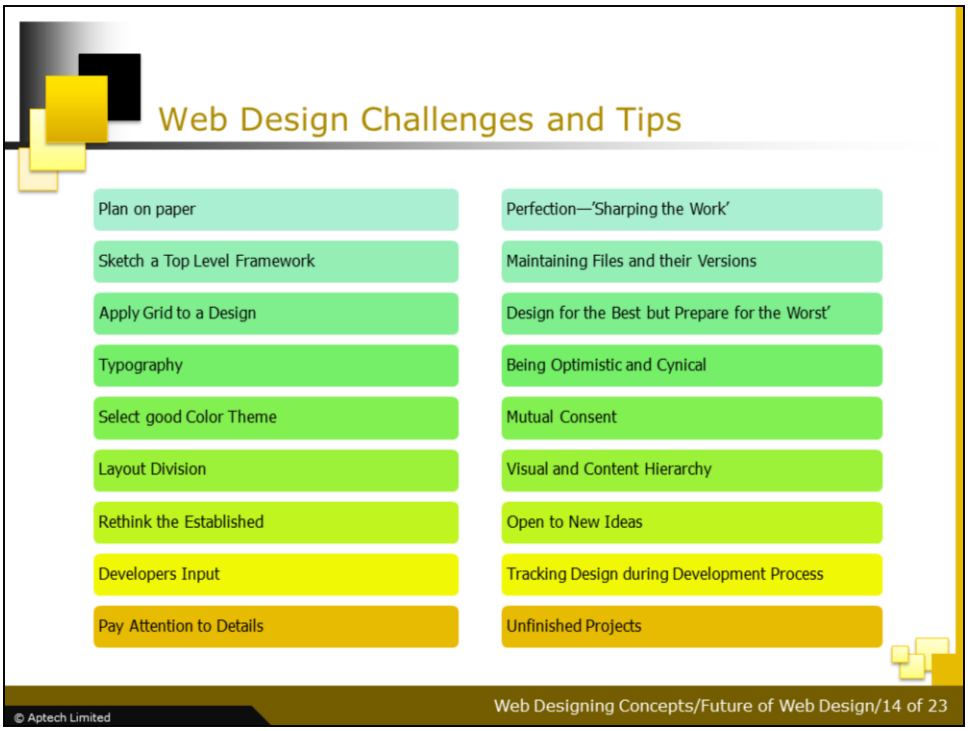
Instruction(s) to the trainer:

- Explain SMIL, what is it used for
- Describe various features of SMIL



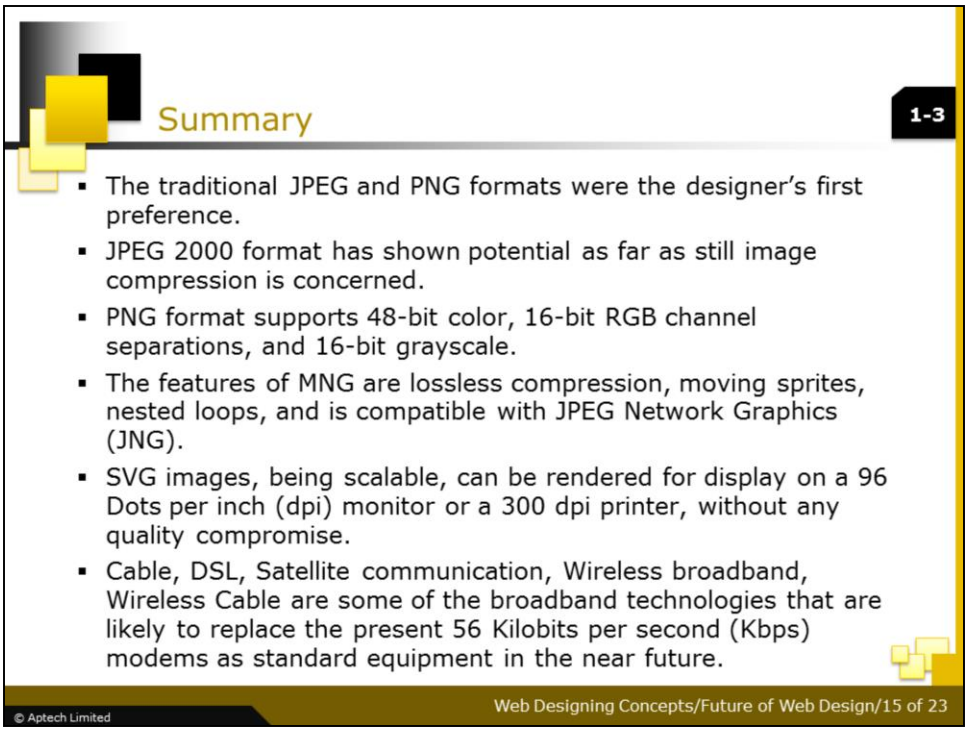
Instruction(s) to the trainer:

- Discuss Web browser software and content creation software
- Explain how content creation software outpaced the Web browser software. Provide example



Instruction(s) to the trainer:

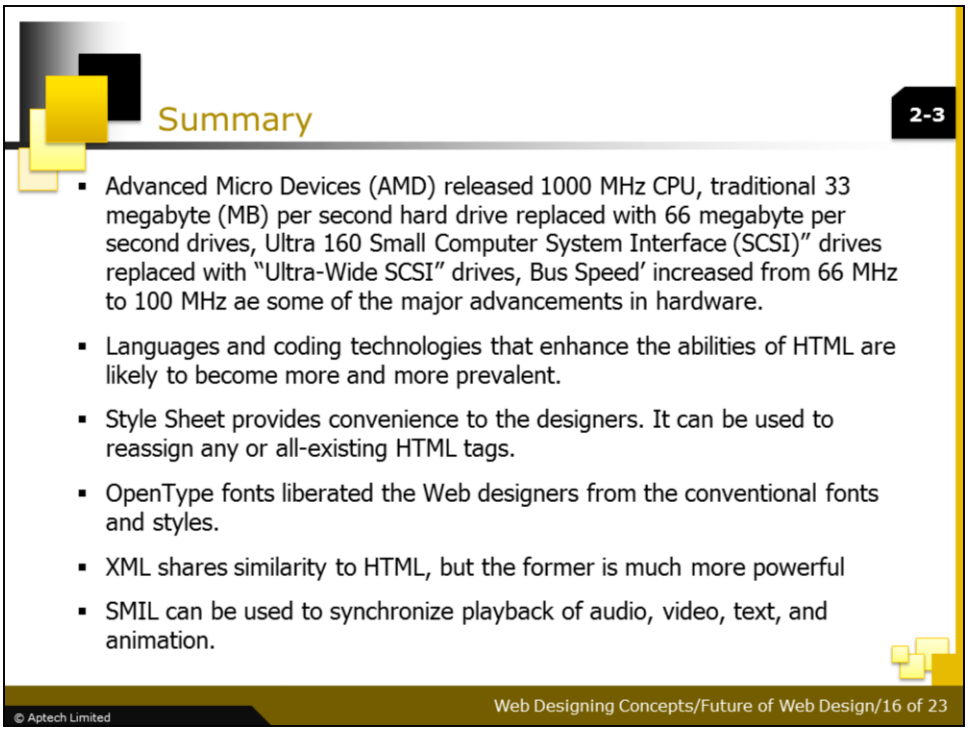
- Discuss various Web designing tips that can be used to overcome the challenges the designer might face while designing



For Slides 15 to 17

Instructions to the trainer:

- Summarize the session
- Highlight the key points covered in the session
- Facilitate a group discussion, ask open-ended questions, in relation to the session that was conducted
- Invite responses from the participants


Summary
2-3
Advanced Micro Devices (AMD) released 1000 MHz CPU, traditional 33 megabyte (MB) per second hard drive replaced with 66 megabyte per second drives, Ultra 160 Small Computer System Interface (SCSI)" drives replaced with "Ultra-Wide SCSI" drives, Bus Speed' increased from 66 MHz to 100 MHz ae some of the major advancements in hardware.
Languages and coding technologies that enhance the abilities of HTML are likely to become more and more prevalent.
Style Sheet provides convenience to the designers. It can be used to reassign any or all-existing HTML tags.
OpenType fonts liberated the Web designers from the conventional fonts and styles.
XML shares similarity to HTML, but the former is much more powerful
SMIL can be used to synchronize playback of audio, video, text, and animation.
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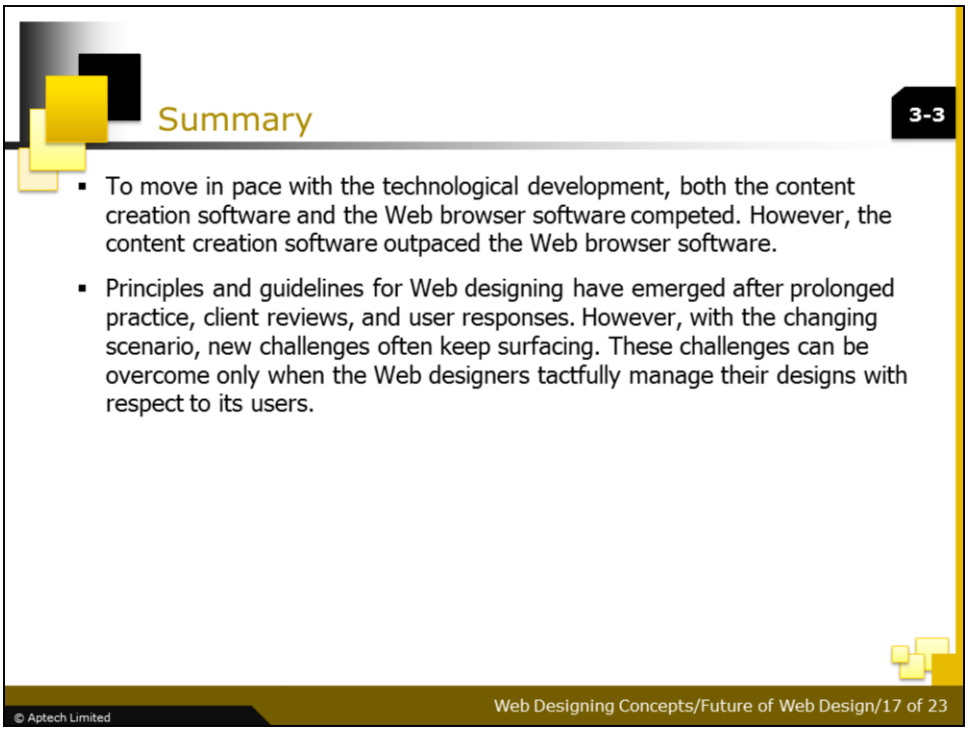
Summary
3-3
To move in pace with the technological development, both the content creation software and the Web browser software competed. However, the content creation software outpaced the Web browser software.
Principles and guidelines for Web designing have emerged after prolonged practice, client reviews, and user responses. However, with the changing scenario, new challenges often keep surfacing. These challenges can be overcome only when the Web designers tactfully manage their designs with respect to its users.
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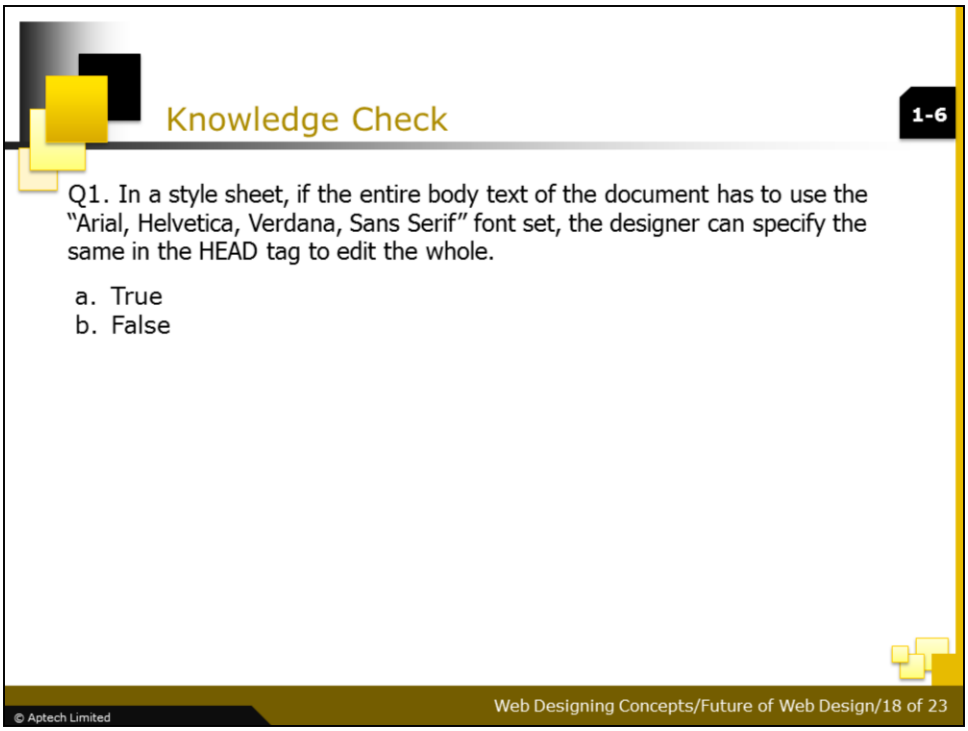
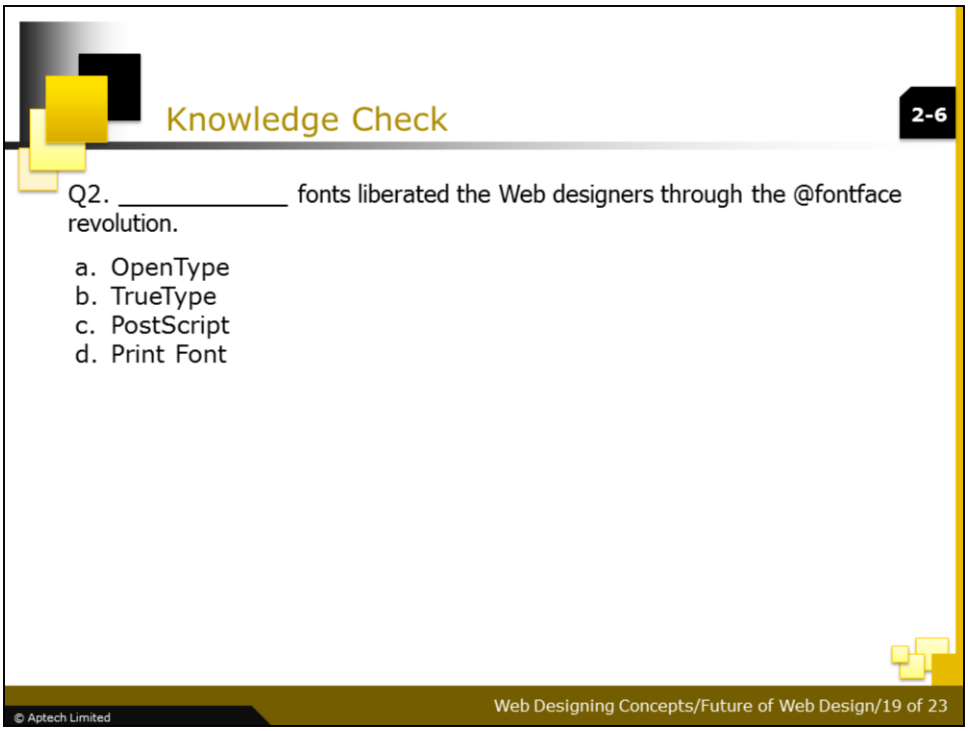
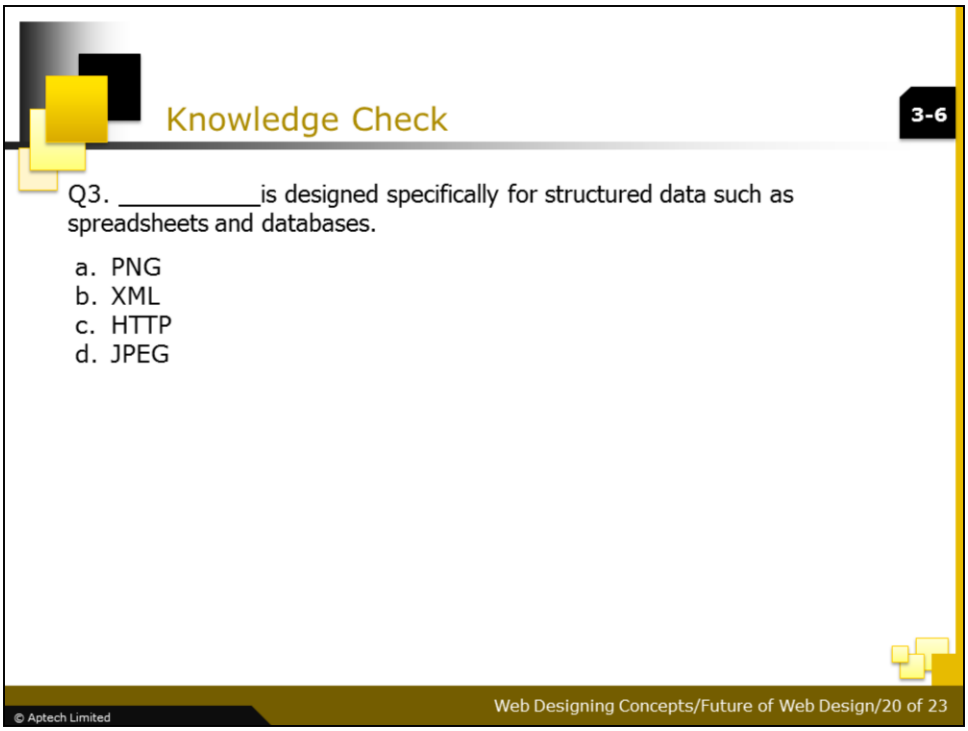


Discuss Knowledge Check questions from slides 18 to 23

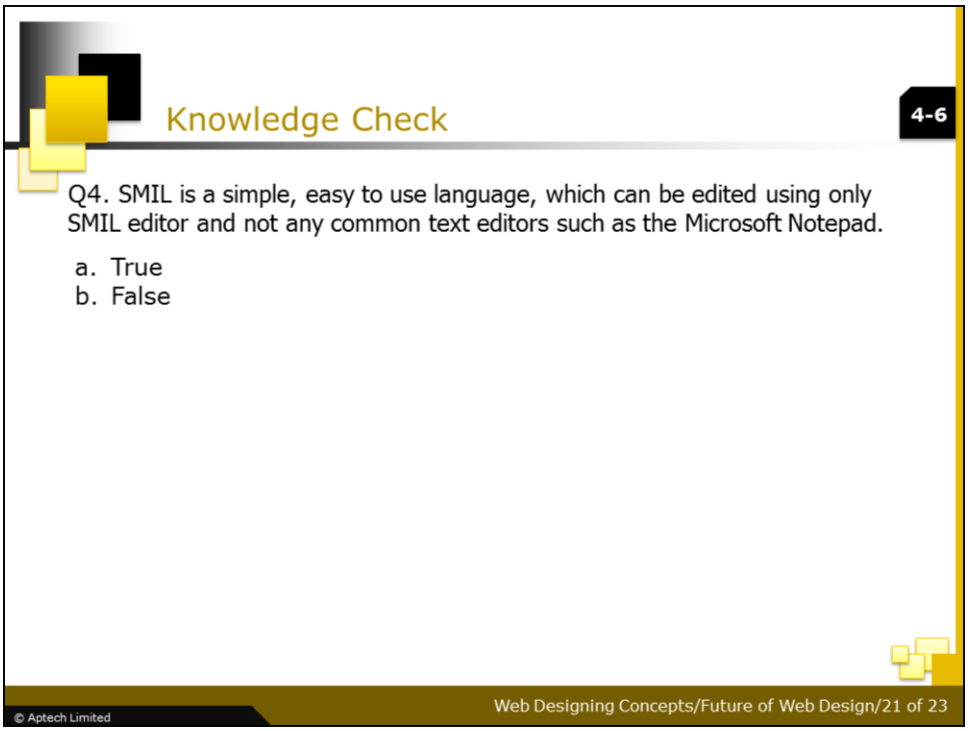
Answer(s):
a. True



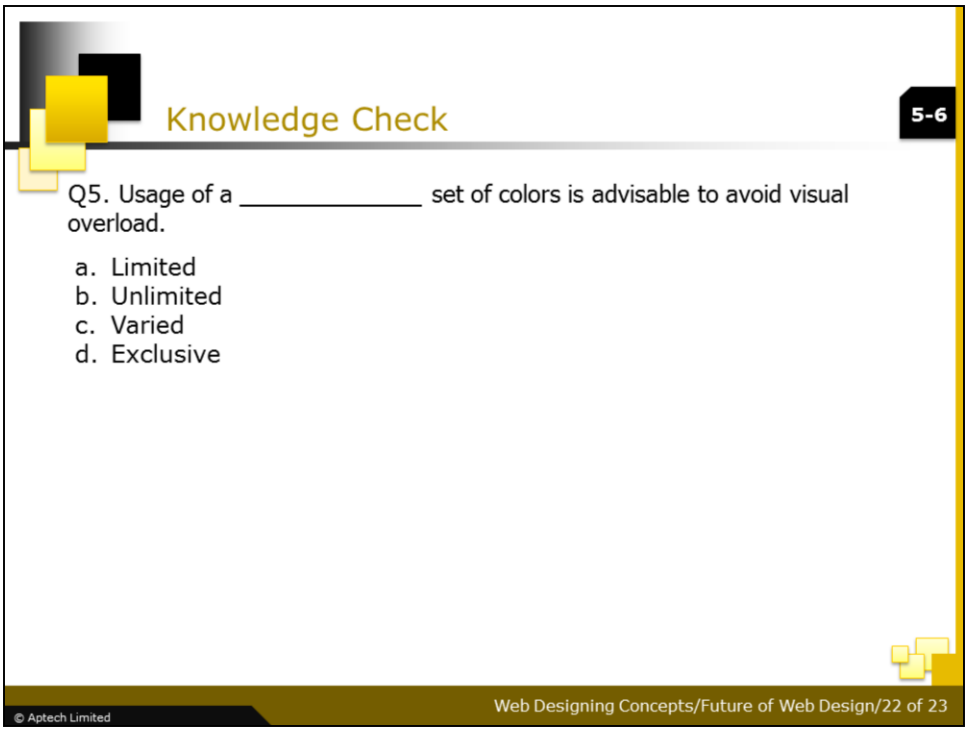
Answer(s):
a. OpenType



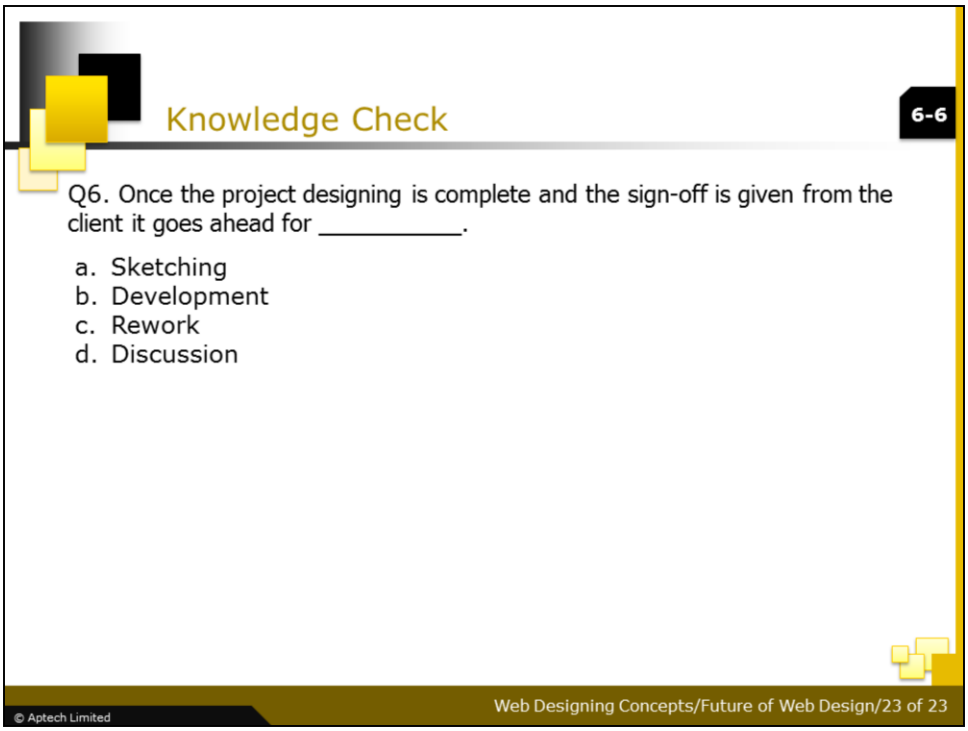
Answer(s):
b. XML



Answer(s):
d. False



Answer(s):
a. Limited



Answer(s):
b. Development