



Bridge



The assignment

Bridges have been used since early times to cross natural barriers. These barriers can take the form of streams and rivers. Sometimes the barrier is simply a gap in the terrain – a ravine or canyon. Over time the design of bridges has evolved. In prehistoric times a simple bridge would have been a fallen tree trunk placed across a stream. Nowadays, large bridges are major engineering works requiring a team of designers and an army of construction workers.

Your task is to design and build a large and safe bridge that will be used by people who need to cross a river.