Hedy Lamarr Video: <https://www.youtube.com/watch?v=NI8nOa9BvjY>

C1 **Who** **is** thought to be **the first computer programmer**?

C2 Ada Lovelace

C2 Henrietta Swan Leavitt’s **discovery of cepheid variable stars** was used as evidence **to prove what**?

C3 The expansion of the universe

C3 **What was the name** given to thewomen **who worked as computer programmers** during WWII for the U.S. military?

C4 Refrigerator Ladies or ENIAC girls, because they worked on the ENIAC computer. But they were actually engineers-programmers

C4 Because of **this person**, many key **space missions** were successful for the United States.

C5 Katherine Johnson

C5 **Prioritizing tasks** and **monitoring call center activity** are the components of **what system**?

C6 Erna Schneider Hoover’s telephone switching system

C6 In addition to pioneering computer programming languages, **this person** spent their **career in the United States Navy**.

C7 Grace Hopper

C7 Today, we have **microprocessors because of this person**’s book on VLSI design.

C8 Lynn Conway

C8 The **Roomba**, a small automated vacuum cleaner, **is** an example of **what**?

C9 A small multi-rotor drone

C9 In addition to being a remarkable inventor, **this person also starred in films** such as, Algiers (1938), Come Live With Me (1941), and Samson and Delilah (1949).

C10 Hedy Lamar

C10 **Thelma Estrin** introduced the **use** of **computer technology** into **what field**?

C11 Biomedical research

C11 **Grace Hopper** is credited with originating **this phrase** when she removed a moth from the Harvard Mark Icomputer.

C12 “Debugging” a computer.

C12 **What** was **Erna Schneider given** for her computerized telephone switching system?

C13 The first patent for computer software

C13 You can watch netflix on your laptop using an **internet connection because of this person**’s invention of STP.

C14 Radia Perlman

C14 **What person** works on the **commercial** side of computing technology?

C15 Helen Greiner

C15 **Who founded** important **organizations** for women in computer science and was a computer scientist herself?

C16 Anita Borg

C16 **This woman** has served as **an executive leader** at 3 major organizations and has broken down barriers for women in executive leadership roles.

C17 Regina Dugan

C17 **Which ENIAC girl** went on to **have** a long and prolific **career in computer programming** following her work during WWII?

C18 Betty Holberton

C18 **What work**, by Deborah Estrin, helped develop the internet of things?

C19 Embedded network sensing

C19 **What** was the **ENIAC used for**?

C20 Electronic calculations of ballistics trajectories for the U.S. Army during WWII.

C20 You can use **wireless internet** on your cell phone to post to instagram **because** of Hedy Lamarr’s work in **what type of technology**?

C1 Spread spectrum and frequency hopping

<http://r2---sn-8vq54voxn25po-8bve.googlevideo.com/videoplayback?source=youtube&dur=251.239&lmt=1410573864383723&gir=yes&signature=6589BF0A27E452EFF7FACC1B679C7AB2A2F3D230.4536AE93032FF2773039432C9DBC83DCD758060D&key=cms1&upn=3HgcbXKriGU&expire=1480299211&itag=18&ratebypass=yes&ip=178.57.184.71&pl=26&ei=az47WLrSH4-B1gKgnJCYCg&id=o-ACYPPdMtEpnUPw4TvlLLeQXej3u5HbCIAdp5vOkmugbv&mime=video%2Fmp4&sparams=clen,dur,ei,expire,gir,id,initcwndbps,ip,ipbits,ipbypass,itag,lmt,mime,mm,mn,ms,mv,nh,pl,ratebypass,source,upn&clen=18889341&ipbits=0&title=History+Channel+Presentation%3A+Hedy+Lamarr+4+Minutes&redirect_counter=1&req_id=d21398e42f34a3ee&cms_redirect=yes&ipbypass=yes&mm=31&mn=sn-8vq54voxn25po-8bve&ms=au&mt=1480277726&mv=m>