



SO...

SO...

HAVE YOU EVER HEARD OF...

SO...

HAVE YOU EVER HEARD OF...

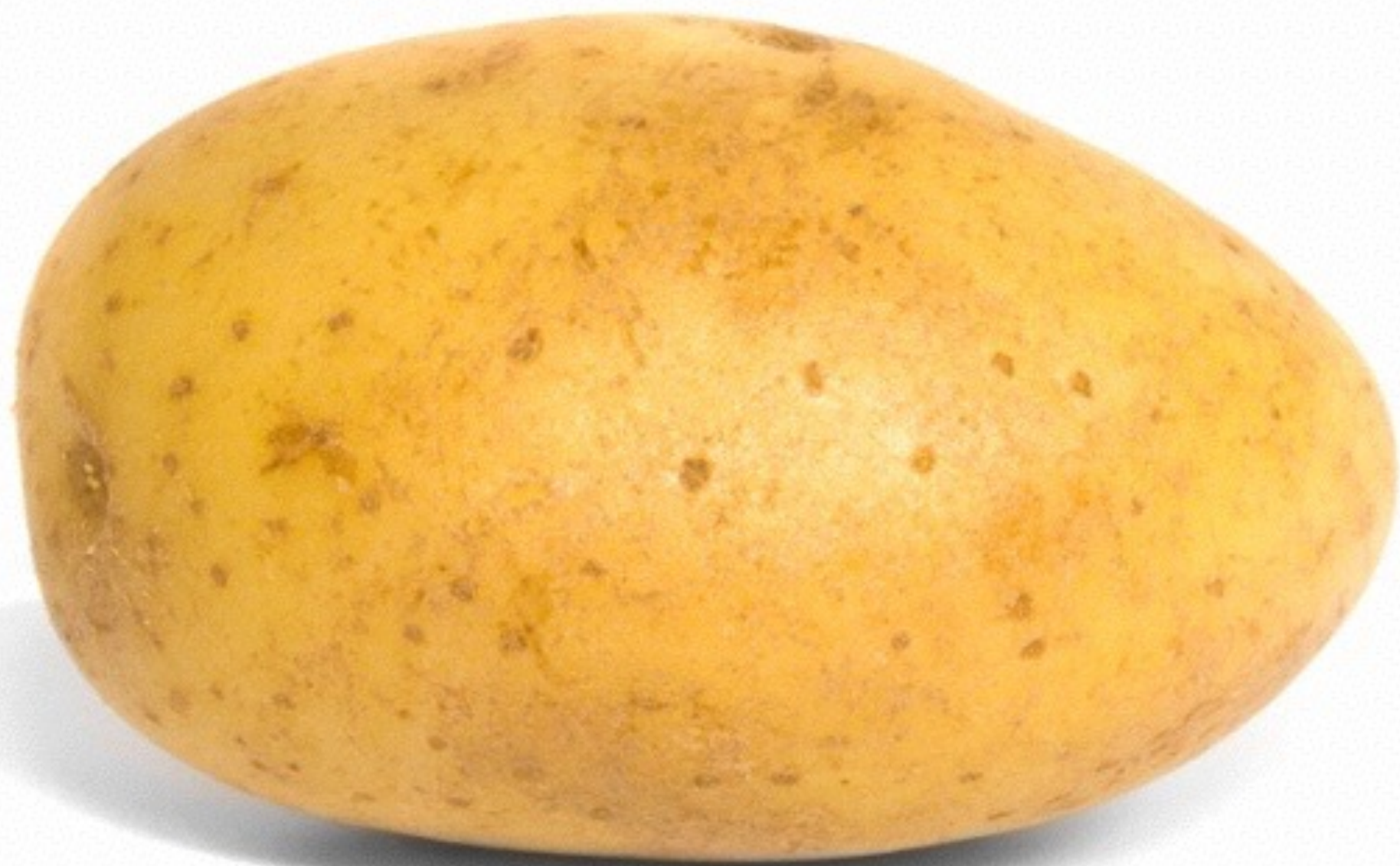
THE AMAZING...

SO...

HAVE YOU EVER HEARD OF...

THE AMAZING...

THE INCREDIBLE...



gif-finder.com

**Sorry.**



gif-finder.com



**Sorry.**





**GRACE HOPPER**

“THE  QUEEN OF SOFTWARE”

**GRACE HOPPER**

“THE <sup>👑</sup>QUEEN OF SOFTWARE”

GRACE HOPPER



"THE  QUEEN OF SOFTWARE"

GRACE HOPPER

(December 9, 1906 – January 1, 1992)






















**CODIGO ERGO SUM**




**CODIGO ~~XXXX~~ RGO SUM**




**CODIGO ERGO SUM**

Bachelor Degree = Math and Physics  1928

Teacher at Vassar University + Student at Yale

PhD = Mathematics  1934

Married Vincent Foster Hopper  1930 - 1945

Bachelor Degree = Math and Physics → 1928

Teacher at Vassar University + Student at Yale

PhD = Mathematics → 1934

Married Vincent Foster Hopper → 1930 - 1945

**ALL THE  
SINGLE  
LADIES**

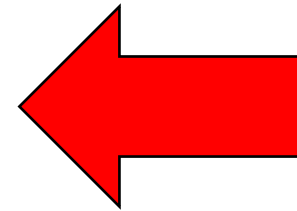




# WORLD WAR II



MARK I IBM Automatic Sequence Controlled Calculator (ASCC)



Bureau of Ordnance  
Computation Project  
Harvard University

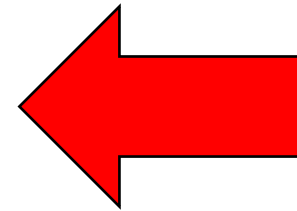




# WORLD WAR II



MARK I IBM Automatic Sequence Controlled Calculator (ASCC)

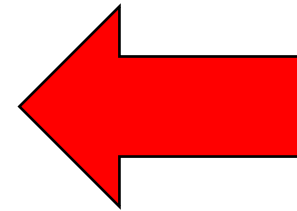


Bureau of Ordnance  
Computation Project  
Harvard University



# AFTER WORLD WAR II

MARK II & III

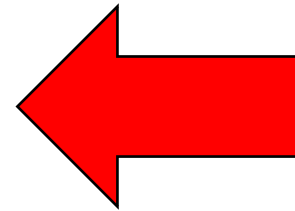


Research Fellow  
Harvard University



# AFTER WORLD WAR II

MARK II & III



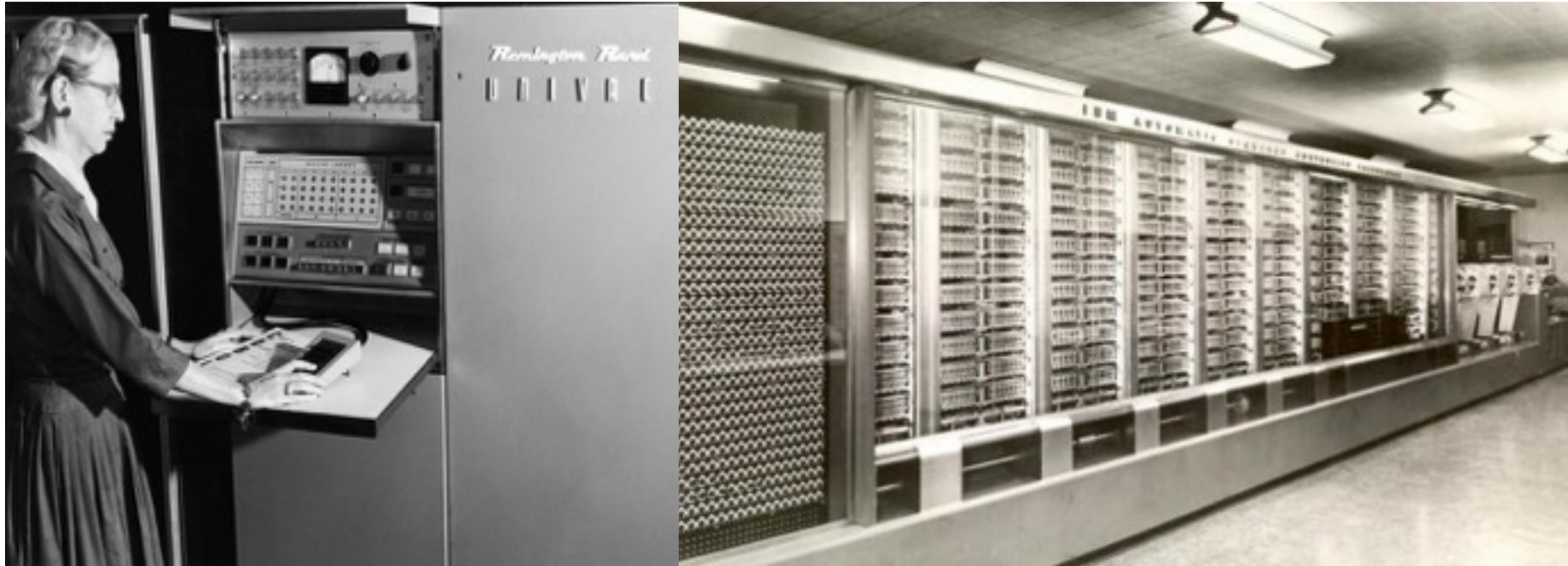
Research Fellow  
Harvard University





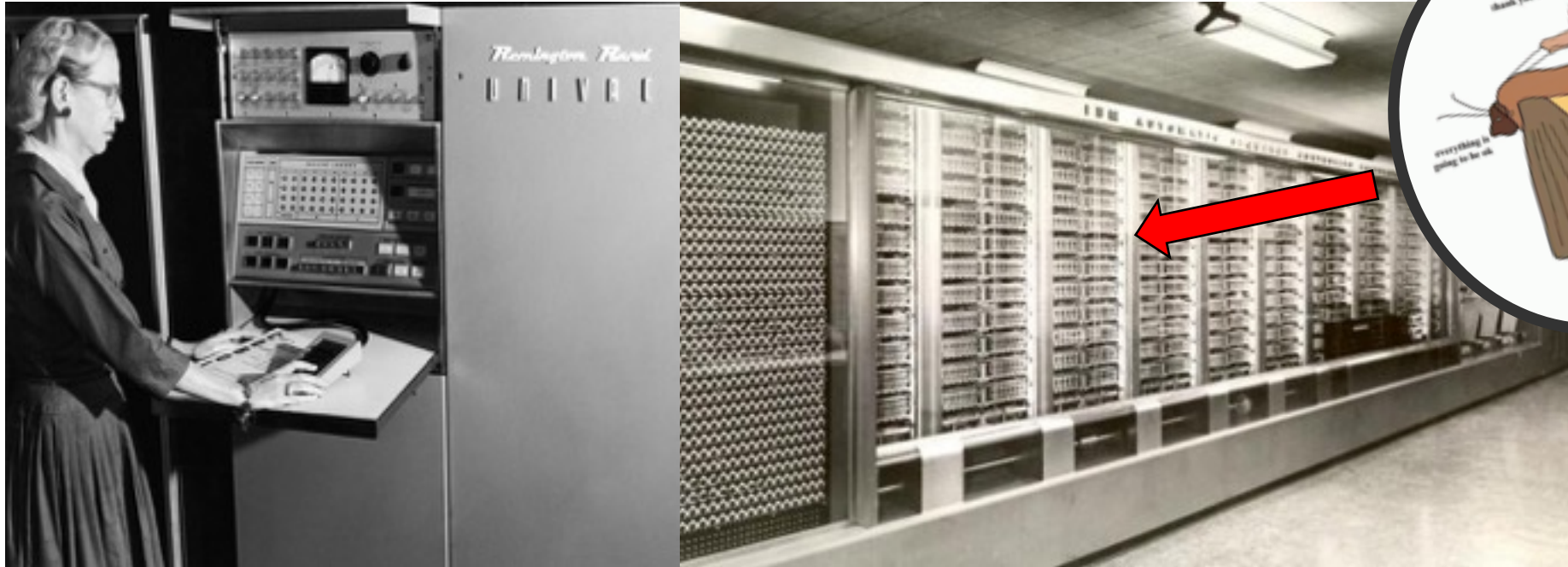
# "Debugging the System"

MARK II



# "Debugging the System"

MARK II



National Museum of  
American History

# Univac I



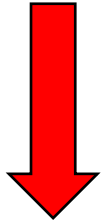
**COMPILER**

Univac I





**COMPILER**

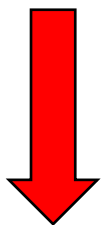


Univac I

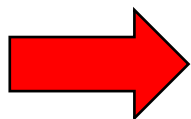




**COMPILER**



Source  
code

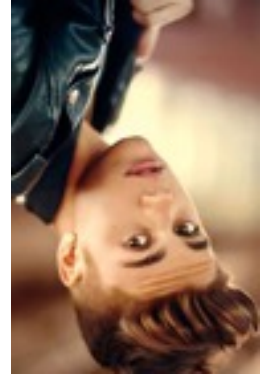


Computer  
Language

Univac I



# Believer



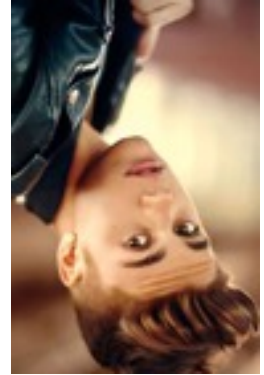
# Believer



Programming language

English Words

# Believer



Programming language

English Words

**NEW COMPUTER LANGUAGE**

**COBOL**

"The most dangerous phrase is We've always done it this way"





Compilers ->  
National & International Standards  
for Programming languages



Compilers ->  
National & International Standards  
for Programming languages

Retired in 1986



Compilers ->  
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for Programming languages

Retired in 1986



- Microsoft's Hoppers
- The Grace Hopper Celebration of Women in Computing Conference
- USS Hopper

Helping us to understand an  
ABSTRACT concept!

NANOSECOND



Moral of the Story is...

Moral of the Story is...



**Size Matters**