Middlesex University Course work, block 1 Java CSD2221

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Contents

[Task1 2](#_Toc469000688)

[Task2.1 5](#_Toc469000689)

[Task2.2 8](#_Toc469000690)

[Task3. 12](#_Toc469000691)

# Task1

File analysed: sonnet1-a.txt

There were 114 words and 486 letters.

There were 58 even words, and 56 odd words.

Collection of unique words with even number of letters:

AS

BRAG

BUDS

BY

CHANCE

CHANGING

COMPLEXION

COURSE

DATE

DECLINES

DO

EYES

FADE

FAIR

FROM

GOLD

HATH

HEAVEN

IN

IS

LIFE

LONG

LOSE

LOVELY

MORE

OF

OR

POSSESSION

SHINES

SO

SOMETIME

SUMMER

THAT

THEE

THIS

THOU

TIME

TO

UNTRIMMD

WANDERST

WHEN

Collection of unique words with odd number of letters:

A

ALL

AND

ART

BREATHE

BUT

CAN

COMPARE

DARLING

DAY

DEATH

DIMMD

ETERNAL

EVERY

EYE

GIVES

GROWEST

HIS

HOT

I

LEASE

LINES

LIVES

MAY

MEN

NATURES

NOR

NOT

OFTEN

OWEST

ROUGH

SEE

SHADE

SHAKE

SHALL

SHORT

SUMMERS

TEMPERATE

THE

THY

TOO

WINDS

# Task2.1

File analysed: sonnet1-b.txt

There were 114 words and 486 letters.

There were 58 even words, and 56 odd words.

Collection of unique words with even number of letters:

AS

BRAG

BUDS

BY

CHANCE

CHANGING

COMPLEXION

COURSE

DATE

DECLINES

DO

EYES

FADE

FAIR

FROM

GOLD

HATH

HEAVEN

IN

IS

LIFE

LONG

LOSE

LOVELY

MORE

OF

OR

POSSESSION

SHINES

SO

SOMETIME

SUMMER

THAT

THEE

THIS

THOU

TIME

TO

UNTRIMM'D

WANDER'ST

WHEN

Collection of unique words with odd number of letters:

A

ALL

AND

ART

BREATHE

BUT

CAN

COMPARE

DARLING

DAY

DEATH

DIMM'D

ETERNAL

EVERY

EYE

GIVES

GROWEST

HIS

HOT

I

LEASE

LINES

LIVES

MAY

MEN

NATURE'S

NOR

NOT

OFTEN

OWEST

ROUGH

SEE

SHADE

SHAKE

SHALL

SHORT

SUMMER'S

TEMPERATE

THE

THY

TOO

WINDS

# Task2.2

File analysed: sonnet2.txt

There were 120 words and 469 letters.

There were 57 even words, and 63 odd words.

Collection of unique words with even number of letters:

AT

BE

BITTERNESS

DARE

DESIRE

DO

FOOL

HAVE

HE

HOUR

IN

IS

LIKE

LOVE

MAKE

MY

NO

NOUGHT

OF

ONCE

OR

PRECIOUS

QUESTION

SAVE

SERVICES

SHOULD

SO

SOUR

STAY

TEND

THAT

THINKS

THOUGH

TILL

TIME

TO

TRUE

UPON

WHAT

WHEN

WHILST

WILL

WITH

YOUR

Collection of unique words with odd number of letters:

A

ABSENCE

ADIEU

AFFAIRS

ALL

AND

ANY

ARE

BEING

BID

BUT

CHIDE

CLOCK

END

FOR

HAPPY

HOURS

HOW

I

ILL

JEALOUS

MAY

NOR

REQUIRE

SAD

SERVANT

SLAVE

SOVEREIGN

SPEND

SUPPOSE

THE

THING

THINK

THOSE

THOUGHT

TIMES

WATCH

WHERE

WITHOUT

WORLD

YOU

# Task3.

File analysed: sonnet3.txt

There were 122 words and 501 letters.

There were 73 even words, and 49 odd words.

Collection of unique words frequency

ALL 2

AND 2

ARE 2

BE 1

BEST 1

BLESSED 1

BRIGHT 4

BUT 1

BY 1

CLEAR 1

CLEARER 1

DARK 1

DARKLY 1

DAY 3

DAYS 2

DEAD 1

DIRECTED 1

DO 2

DOTH 2

DREAMS 2

EYES 4

FAIR 1

FOR 1

FORM 2

HAPPY 1

HEAVY 1

HOW 2

I 4

IMPERFECT 1

IN 4

LIGHT 1

LIVING 1

LOOK 1

LOOKING 1

MADE 1

MAKE 1

ME 1

MINE 2

MOST 1

MUCH 1

NIGHT 1

NIGHTS 2

ON 3

SAY 1

SEE 3

SHADE 2

SHADOW 1

SHADOW'S 1

SHADOWS 1

SHINES 1

SHOW 2

SIGHTLESS 1

SLEEP 2

SO 1

STAY 1

THE 3

THEE 4

THEN 2

THEY 2

THINGS 1

THOU 1

THROUGH 1

THY 4

TILL 1

TO 3

UNRESPECTED 1

UNSEEING 1

VIEW 1

WHEN 5

WHOSE 1

WINK 1

WITH 1

WOULD 2

Collection of unique words with a frequency 4 or greater:

BRIGHT

EYES

I

IN

THEE

THY

WHEN